

## Physics 131L – Fall 2003

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Office: Building 8 Room 229	Phone: 869-4021
Office Hours: Tu: 2:15-3:15, Th:2:15-3:15 Fri:11-12 (Tutoring center)	
Text: Physics 131L Lab Manual	

**Course Description:** Laboratory to accompany General Physics lecture series

**Corequisites:** To be taken concurrently with PHY 131

**What This Course Should Accomplish :**The primary goal of this course is to convey physical concepts through experiments while developing critical-thinking and experimental skills. In addition the course will teach you how to report results in a scientific way, and how to work in a group.

**Grading:**

Weekly Lab Reports	50%
Quizzes	50%

**Weekly Lab Reports:** At the end of each Lab period you will give me a report, which will include:

- 1) Abstract: Briefly describe what you were trying to measure and whether your measurement managed to agree with the expectations. The abstract should be three or four sentences long.
- 2) Tables of data: including units , as well as a caption describing what the data represents.
- 3) Graphs: be sure the graph includes a title and that your axes are labeled and include units
- 4) Relevant calculations
- 5) Answers to the questions (those in your lab manual and/or supplemental questions given by the instructor)

I will try to return lab reports during the lab period, however, if there is not enough time for me to grade all of the reports, they will be available in my office on the following day. Lab reports will receive either a check (✓) or a minus (-). Letter grades will not be given on lab reports.

**Quizzes:** Before we begin each lab, there will be a short lab quiz on the preparatory reading and/or the previous week's work. Quizzes will be given a grade between 0.0 and 4.0 (4.0 corresponds to an A, 0.0 corresponds to an F). The lowest 2 quizzes will be dropped.

You should keep all of your lab notes, data, results, written summaries and reports in a notebook or a folder. It is to your advantage to keep your notes as well organized as possible because they may be used during the weekly quizzes.

*Any student who feels s/he may need an accommodation based on the impact of a disability should contact me privately to discuss your specific needs. Please contact Disable Student Services at 909-869-3333 in room 126 of the University Library to coordinate reasonable accommodations for students with documented*