

**Physics 2100-16 (Lab)**  
**Cal. State LA**  
**Spring 2018**  
**Dr. Bijan Berenji**

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**office hours:** BIOS 214, T 2-4, W 5-6

**course text:** Physics 2100 lab manual

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In this course, we will examine the basic theory and experimental technique behind introductory experiments in mechanics. In addition to conducting the experiments, you will be instructed in how to analyze the data and write compelling lab reports in lucid scientific English. In order for you to pass, you cannot have more than two absences in the semester. If you have to miss a lab for any reason, please try to make it up with another section in the same week. You will need to purchase a lab manual as well as a lab notebook. Lab notebooks are due by Friday 5 pm in the locker for Berenji on the first floor main entryway of Biological Sciences. You may type your lab report on a computer if you wish, but please attach your report to the lab notebook. Please contact myself or the GA for any matters related to the course. You may of course discuss with other students, but if a lab report is plagiarized, that submission will receive an F. Your grades will be given to the department at the end of the semester, and your lecture instructor will use your grade in computing your overall grade in Physics 2100. In general, you must pass the lab (C or better) in order to pass Physics 2100.

The schedule of experiments is given in the lab manual.

### **Grading**

Lab Report 70%  
Performance 20%  
Pretest 10%