

Physics 8 Laboratory 2008
General Information
M. Brown/ C. Crouch

Lab meetings: Physics 8 labs will meet Monday, Tuesday, and Wednesday afternoons in Science Center L45 at 1:15 PM. M. Brown is the instructor for Monday and C. Crouch is the instructor for Tuesday and Wednesday. The first two weeks will consist of workshops run by Prof. Boccio. Our first meeting will be the week of September 15 (electric field mapping).

Lab book: You should purchase a quadrille hardbound lab notebook (I like the 9.75×7.5 inch ones) to dedicate to P8 lab write-ups. The lab manual is posted on the P8 website. Each week, you should print a copy of the lab instructions (use the “S” or small version), trim the margins, and paste it in your notebook. You should read the lab instructions and do the pre-lab questions **before** coming to lab. If the pre-lab questions aren’t done before lab, you’ll lose some points on the write-up. Lab will start on time with a brief pre-lab lecture. All your notes and data should be included in the lab book. At the end of the lab period, the lab books will be collected. We’ll grade them on a 10 point basis and return them before the next lab meeting.

Formal write-up: In addition to the weekly lab write-up in your lab book, there will be a formal lab report due in the second half of the semester on RLC resonance. You will do the RLC lab the week after fall break and do a write-up in your lab book but a draft report on RLC resonance will be due a few weeks later. The lab instructors will give you feedback on the draft and a final report will be due later in the semester. It will be important for you to be particularly careful and thorough taking data for the RLC lab.

M. Brown and C. Crouch