

PHYSICS 115/121/123 – Mechanics Laboratory Announcements – Fall 2011

1. Dr. D. Driscoll is in charge of the laboratories.
Office: Rockefeller 222A, Phone: x-8844; e-mail: diana.driscoll@case.edu
2. The manual for the course has been revised for this year. You can purchase the updated version at the Bookstore, or you can find the older version of the lab manual on the lab website <http://physicslabs.cwru.edu>. You can copy the Microsoft Word[®] versions of every part of the manual from the lab server (Wertsrv) P: drive in the “Mechanics Manual” directory. Log on to *Wertlabs - Wertsrv* with user name: *RemoteLab* and password: *uglabs*. (**You may NOT print out your own copies of the manual with the Undergraduate Lab printers!**) There are also pdf versions of the manual available on the web.
3. You must bring a lab notebook to lab and it must be a type that generates duplicate copies of your notes. At the end of your lab period, you must supply your TA with the copy of your notes. Also bring a calculator and a pen to class. You need a pen that will make legible duplicates of your notebook pages; soft tip pens will not work reliably.
4. There will be at most only very short lectures at the beginning of the lab. Experiments will occasionally be scheduled before the relevant theory is covered in the course lecture. Therefore you **MUST READ** the pertinent section(s) of the manual **BEFORE** coming to lab. You may not be able to finish the labs if you must read the manual for the first time when you come to lab.

Before coming to your first lab, read **Lab #1, Uncertainty**. You should also scan through the preface, introduction, sermon, and the appendices, particularly Appendices I—Notebooks and II—Reports. For the first lab, you will also need to learn some of the material in Appendix III—Computing, Appendix IV—ORIGIN, and Appendix V—Uncertainties and Error Analysis.

5. Updates and corrections to the labs are posted on the lab web page. Read this information before you begin each experiment. The lab web site also contains information such as how to contact your instructors, what to do if you miss a lab, how to check your lab grades, etc. The lab web site can be found at the URL: <http://physicslabs.phys.case.edu/>
6. Check your schedule to be certain you show up at the right time for your lab. The first week of classes, the only students who should come to lab are those in “odd week” sections: PHYS115: Lab Sections 1792, 1793, and 1795, PHYS121: Lab Sections 1543, and 1544, PHYS123: Lab Sections 1813 and 1558. The “even week” sections meet the second week of classes: PHYS115: Lab 1794, 1796, and 2659, PHYS121: Lab Sections 1545, 1546, 1547, 1548, 2660, and 3467. However, due to the Labor Day holiday, section 2660 of PHYS121 will start on the first day of classes, 8/29.
7. Rooms 404 and 408 in Rockefeller are the Mechanics labs. Come to Roc 404 at the beginning of the first lab period for some brief announcements.
8. If you wish to change lab sections, consult the Registrar’s Searchable Schedule of Classes to determine which sections still have space. This will change frequently over the first two weeks of classes. The list of sections is reproduced below.
After classes start, you may not be able to change lab sections without a permit. These permits must be obtained from Dr. Driscoll. This can be handled by email. Generally you will **not** be

given an override for a full section if you can make any other lab time, include nights and early mornings.

If there is some doubt about your getting into your preferred section, come to the earliest lab (*early in the 2 week cycle for labs*) that you might attend, whether you are registered for it or not. Waiting and coming to a later lab to which you might not be admitted could mean that you get into no lab at all, if that later lab is full. If you come to an earlier lab for which you are not registered and there is room, you can obtain a permit in class that will let you stay in that lab permanently, turning in the form later that day or the next to formalize the arrangements. If you want to switch to a lab later in the 2 week cycle, you might have to do the first lab at your scheduled time and come to the later lab also to see how many of the registered students actually show up.

9. Students agree that by taking this course, all required lab reports or other assignments submitted for credit may be submitted to TurnItIn.com or similar third parties to review and evaluate for originality and intellectual integrity and that if the results of such a review support an allegation of academic dishonesty, the course work in question as well as any supporting materials may be submitted to the Office of the Dean of Undergraduate Studies for investigation and further action. A description of the services, terms and conditions of use, and privacy policy of TurnItIn.com is available on its web site: <http://www.TurnItIn.com>. Understand that all work submitted to TurnItIn.com will be added to its database of papers.

Enrollment as of August 17, 2011

Lab Section	CRN	Day	Time	odd/even	Enrollment/ Limit
PHYS115 #1	1792	Tuesday	8:30-11:30 AM	odd	24/32
PHYS115 #2	1795	Tuesday	1:15-4:15 PM	odd	25/32
PHYS115 #3	1793	Friday	3:00-6:00 PM	odd	25/32
PHYS115 #4	1794	Tuesday	8:30-11:30 AM	even	13/16
PHYS115 #5	2659	Tuesday	1:15-4:15 PM	even	11/16
PHYS115 #6	1796	Friday	3:00-6:00 PM	even	16/16
PHYS121 #1	1543	Thursday	8:30-11:30 AM	odd	18/32
PHYS121 #2	1544	Thursday	1:15-4:15 PM	odd	15/32
PHYS121 #3	2660	Monday	3:00-6:00 PM	even	8/32
PHYS121 #4	1545	Wednesday	3:00-6:00 PM	even	21/32
PHYS121 #5	1546	Wednesday	6:30-9:30 PM	even	9/32
PHYS121 #6	1547	Thursday	8:30-11:30 AM	even	18/32
PHYS121 #7	1555	Thursday	1:15-4:15 PM	even	5/32
PHYS121 #8	1556	Tuesday	1:15 – 4:15	even	5/16
PHYS123 #1	1813	Wednesday	3:00-6:00 PM	odd	18/32
PHYS123 #2	1558	Wednesday	6:30-9:30 PM	odd	8/32

Note to self: *italics* means sections with 113A students.