

# Course Outline

To get a credit for the course, you are *required* to attend four lab sessions and perform 2 – 3 experiments that are worth 4 weights in total. If you cannot be present on a particular day, arrange a make-up session with the course coordinator. It is preferable to submit a petition with a request of rescheduling.

All experiments are booked in advance by submitting a wish list to the survey “Book experiments of your choice” on Quercus. Discuss with your lab partner and submit your wish list of three or more combinations of experiments that meet the following requirements:

- neither of the experiments were performed in PHY293Lab by the lab partners;
- the total weight of all experiments is 4; and
- there cannot be more than two one-weight experiments.

After a course coordinator downloads all wish lists and resolves possible conflicts associated with identical preferences submitted by different teams, the list of the booked experiments will be posted to the Quercus module “Course Materials” (in the Lab section).

Compared to PHY293Lab, some experiments have different weight. Like in PHY293Lab, each experiment has a supervising Lab Demonstrator/TA (see the section [Experiments](#)).

The experiment demonstrator responsible for specific experiments

- supervises and evaluates your performance on the experiments;
- responds your e-mail messages relevant to the experiments;
- briefs you on the ideas, concepts and details of the experiments; and
- grades your lab performance and lab report and enters marks to Quercus.

## Your lab time

For the PHY293H/294H Labs, the hours are: 9-12 a.m. and 2-5 p.m. every second week on Wednesdays. Check your individual schedule to know the date of your first session. Attendance during your scheduled laboratory is important and required. You must check in with the experiment demonstrator for the experiment you are performing every time you come to the laboratory. You may not work in the lab "off hours" to do extra work.

Thus, when you complete an experiment, you must:

- check out with your experiment demonstrator and show your work before leaving the labs;
- submit your lab report not later than in 6 days after you finish the lab. The late submission is penalized by taking 5% off of the assigned mark per a business day of the delay.

## Your lab report

The lab report is created and submitted as an electronic document in the PDF or Word format to Quercus (like in PHY293Lab). Two (or three) lab partners submit one report. The lab partners are normally assigned same mark for the results of measurements, error calculations, the report completeness, but may be evaluated individually for the lab performance. Complete instruction on electronic lab report submission is given in the section [Lab Report](#).