



PHY385 Practicals Introduction

At the top of each page of your lab notebook, please list the date and a page number.
At the beginning of each day, list the names of all the partners in the team that were present. (If anyone is late or must leave early, please make a note of this in the lab notebook when it happens.)

How the Practicals Work

The Practicals meet for one hour 50 minutes every week.

The heart of your learning in the Practicals is going through a series of Activities. Most of the Activities are closely related to what is currently being discussed in class, although sometimes they will extend that material or occasionally introduce other topics which we feel are important for you to know about. Each Practical session will also include time for student questions and discussion.

Practicals Activities will be turned in and marked at the end of the practicals section. They will be marked and turned back to you by the next session, and the marks will be worth 15% of your mark in the course. In the end, only the best 9 out of 10 marks will count, so you may miss one practical this semester with no penalty. All work is team work, done in the black team notebook, in an assigned team of 3 or 4 students, and everyone in the team shares the mark. Ideally, you will work with one team for the first 5 practicals, then we will be scrambling teams for the second half of the term.

When working on these activities, please work as a *team*. Your Team will keep a single lab book, which is to be a complete record of everything you did, what you and your teammates thought it meant, and what conclusions you have drawn from your work. The TA will keep the lab books in between practicals' there is no homework or special preparation for these practicals. The Record-Keeper is officially in charge of making sure the notebook is complete, but all members should contribute equally.

For each Practical session members of each Team should serve the following roles:

- **Facilitator.** This person, *a different individual each week*, is responsible for keeping the Team on track with the Activities. When the entire Practical group discusses some topic, the Facilitator will be the Team's primary spokesperson.
- **Record-Keeper.** This person, also *a different individual each week*, takes primary responsibility for recording all answers in the write-up that will be marked.
- **Time-Keeper.** [optional] This person, also *a different individual each week*, should keep an eye on the time and make sure the team is not getting behind.
- **Computer/Wiki-master.** [optional] This person, also *a different individual each week*, takes primary responsibility for any online research or computer activities.

This Introduction to PHY385 Practicals was written by Jason B. Harlow, Dept. of Physics, Univ. of Toronto, in the Winter of 2012.
Last revision: October 11, 2012 by Jason Harlow.