

Physics II Laboratory

eScience Labkits are being used for 30 hour Physics Laboratory section of the Physics Course.

Kit Contents

1. Each student purchases a kit from the bookstore.
2. The kit contains materials other than standard household items to be used for the experiments
3. The CD in the kit provides background information for each experiment and also a set of questions to be answered based on the experimental exercise.

Experiments

1. There are 11 laboratories exercises in Physics II (2 per week).
2. Each of these labs contain multiple experiments.
3. Full Lab Reports will be written for 5 of the experiments (not the full lab exercise).
4. On-line Quizzes are to be completed for the remainder of the laboratories

Doing the experiments

1. Each student can perform the laboratory individually or in a group.
2. If performed in a group the “full written report” must be written individually and not as a group report.
3. The same data can be used, but each student must write his own report. (Turnitin software is being introduced to verify originality)
4. The “full written lab reports” are to be posted on the Collaboration:Forum page for that experiment.
5. A short video showing each student’s participation in the experiment is to be posted on the Collaboration:Forum page as well (See YouTube Videos how-to .pdf)
6. Complete the on-line Coursework timed assignments.

Grading the Lab Reports: Refer to the Lab Report Grading Rubric and Lab Report Example documents.