Department of Physics and Astronomy

Physics 224-5 ~ Laboratory Syllabus

TA: Sumedhe Karunarathne http://www.phy.olemiss.edu/~sumedhe/
Lab Physicist: Beth Roberts http://www.phy.olemiss.edu/~broberts/
Professor: Dr. Marshall http://www.olemiss.edu/depts/physics_and_astronomy/faculty/marshall.html

Required: General Physics Laboratory Manual, 2009 ~ 2010 Edition; Composition Notebook; calculator; pen; USB drive

ATTENDANCE is required. Three (3) absences result in a grade of F. If you miss lab you will receive a grade of zero (0) for each missed assignment. You are not permitted to attend a different section or make up experiments. There will be one drop grade for each of the following categories: Quiz, Written Exam, Partial Lab Report. Only two (2) absences are allowed, regardless of the reason. Notification of an impending absence is not necessary. No verification is required regarding your absence from lab. A third absence will result in a grade of F.

HOMEWORK - Review all syllabi, pages 1 through 4 of your lab manual, and read the specified documents on your Lab Physicist’s website. Read and sign Page 6 of your lab manual. Review the Physics Take-Home Math Exam; learn how to solve all types of equations that caused you problems. If you need help → Room 104. A timed math exam will be given at the beginning of the 2nd class meeting (10% of your grade). Complete the Pre-Lab for the first experiment. Refer to the Lab Calendar for details on scheduled experiments.

GRADE INFORMATION

Except for the Take-Home Math Exam, every assignment is an individual effort. Honor and integrity are expected and enforced. Details regarding lab policy and assignments are provided in your lab manual and on the Lab Physicist’s website. All assignments are due/given at the beginning of lab. An assignment is a pre-lab, quiz, report, or exam. Verify Blackboard grades weekly; you have a limited time to correct grading mistakes. Blackboard grades are not official.

- Math Exam (100 pts) – Timed. Given at the beginning of the 2nd class meeting.
- Pre-Lab (possible penalty) – Checked for completion only. If it is incomplete or late there is a 10-point penalty on the corresponding quiz grade. Each one is perforated; tear it out, clean up the edges, and turn it in.
- Quiz (100 pts each) – Timed. The focus is on the current experiment each week.
- Report (Partial Report, 70 pts; Full Report, 100 pts) – Written for each experiment you perform. The required format for a Full Lab Report is on Page 4 of your lab manual; the revised Partial Lab Report Format is attached. Lab reports are due at the beginning of the next class. Partial lab report grades will be converted to a percent grade. Full lab reports must be submitted in two formats: printed and Safe Assign. Late assignments are penalized; refer to your lab manual for penalties.
- Exam (100 pts each) – Timed. The focus is on the previous experiment each week.

Grades will be posted on Blackboard so that you can verify and keep track of your grades in lab. Any mistake(s) in grading must be corrected within one week. Keep all graded assignments until your final grade is posted at the end of the term. Grading mistakes will not be corrected without the TA-graded assignment.

Final Grade – Quiz Avg: 15% Exam Avg: 25% Report Avg: 50% Math Exam: 10%
Letter Grade - ≥ 90.0: A; ≥ 80.0: B; ≥ 70.0: C; ≥60.0: D; < 60.0: F.

If revisions are necessary you will be notified in writing prior to implementation of the new policy.