

## *Physics 223-10 Laboratory Syllabus*

*TA: Victor Klymko*

*Professor of Record: Dr Datta*

*Lab Physicist ~ Beth Roberts <http://www.phy.olemiss.edu/~broberts/>*

**Teaching Assistant (TA): Victor Klymko**

**Contact: Room 104, Mondays 10:00 AM – 12:00 Noon**

**Required:** *General Physics Laboratory Manual*, 2008 - 2009 Edition; Composition Notebook; calculator, pen

**Professor of Record: Dr. Datta**

**Contact: Lewis 121 B Monday and Wednesday 11 - 11:50 AM or by appointment**

**ATTENDANCE** is required. If you miss lab for a valid reason, contact your Lab Physicist or Professor of Record, not me, as soon as you return to campus. The excused absence policy is explained on the Lab Physicist's web site. Three (3) absences result in a grade of F.

**HOMEWORK ~ 1<sup>st</sup> Week** – Read the syllabi, lab manual page 1 through the end of Experiment 2 (including *Advance Reading* material), and documents number 1 through 5 on the Lab Physicist's web site. Complete Pre-Lab 1 and 2. Complete the *Physics 223 Take-Home Math Exam* (front and back). Write your report for Experiment 1. If you need help → Room 104.

### **GRADE INFORMATION**

Except for the *Take-Home Math Exam*, every assignment is an *individual* effort. Honor and integrity is expected and enforced. Details regarding lab policy and assignments are provided in your lab manual and on your Lab Physicist's web site. All assignments are due/given at the *beginning* of lab. An assignment is a pre-lab, quiz, report, or exam.

- *Pre-Lab* (possible penalty) – will be checked for completion only. If it is incomplete or late there is a 10-point penalty on the corresponding quiz grade. Each one if perforated; tear it out, clean up the edges, and turn it in.
- *Quiz* (100 pts) – timed; focus is on the current experiment.
- *Report* (100 pts) – written for each experiment you perform. The electronic version of your report is submitted to *Blackboard* without attachments such as graphs and data and the full printed report is turned in to me.
- *Exam* –
  - **2 math exams**, 100 pts. each. The *Take-Home Math Exam* is due at the beginning of the 2<sup>nd</sup> class, the second math exam is taken at the beginning of the 2<sup>nd</sup> class.
  - **1 practical physics exam, 1 written physics exam:** 200 pts. each, comprehensive. Physics exams are scheduled for the week of November 16, 2008, during your regular lab time.

**Final Grade** – Quiz Average, 10%, Report Average, 60%, Exam Average, 30%.

**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.