

COURSE SYLLABUS Physics 2401-003 “Majors” section, Fall 2008

Office Hours

Dr. Glab MWF 8:30-9:30 a.m., TuTh 3:00-4:00 p.m., Science 26, 742-3776
e-mail: wallace.glab@ttu.edu
Web site: http://www.phys.ttu.edu/~gglab/2401_003_F08.html

Textbook

Physics for Scientists and Engineers, Giancoli, 4th ed.

Objectives: Develop students' understanding of concepts of electromagnetism and optics, improve/develop students' abilities to apply these concepts through problem solving, utilize lab exercises to give students first-hand experience of these concepts, assess student's progress towards these goals through in-class discussion, homework, in-class exams, and a pretest and posttest.

Grades

Lab 15%, Online homework 10%, three examinations 25% each, final (non-comprehensive) examination 25%.

100-A-88-B-76-C-64-D-52-F-0 where the lowest exam score will be dropped.

Examinations: They cover fundamental concepts, problems, and examples similar to those from **class**, the **lecture demonstrations**, and **homework**. The questions are generally a combination of short problems or true/false questions, and longer problem-solving things. The examinations are closed book. You may bring to the four examinations a 3x5 formula card with up to 20 formulas of your choice.

Homework: There will be online homework sets at www.Masteringphysics.com most weeks, you will need the course ID GLAB2401003F08 to self-register. You have to submit each set online by the specified deadline, which will be generally be one week after it is assigned. The homework will be graded and you will get the solutions. I encourage you to also work additional problems from the book if you have extra time.

Take notes in class, recognize the concepts behind the lecture demonstrations and examples worked in class, and study the basic physical principles. Take a look at any new chapters before class. Pay attention and ask questions. **Attend all lectures** unless you have an emergency. I will take note of your class attendance. **Class participation is expected**, and will be noted as a factor in final letter grade decisions for borderline cases.

No make-up examinations will be given. In case of a serious emergency, please get in touch with the instructor to discuss how the grade will be determined.

Final exam date: Wednesday, 12/10; 7:30 - 10:00 am

Disability

Any student who, because of a disabling condition, may require some special arrangements in order to meet course requirements, should contact the instructor as soon as possible so that necessary accommodations can be made. Proper documentation about the disability must be presented from the Dean of Student's office.