

Syllabus – Physics 1408-H01, Fall 2008

Instructor: Dr. Wallace L. Glab
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Office Hours... MWF 8:30-9:30 a.m., TTh 3:00-4:00 p.m. or by appointment, Sc. Rm. 26
Web page http://www.phys.ttu.edu/~gglab/1408_H01_F08.html

Class meetings: 11 a.m.- 12:20 p.m. TT Science room 112.
You must also be registered in a lab section. The lab grade counts as 15% of the overall course grade

Textbook: *Physics for Scientists and Engineers*, Giancoli, 4th ed.

Expected learning outcomes:
Students will be expected to absorb and be able to state physical concepts of kinematics, dynamics and wave motion using Newton's laws of motion, energy, and momentum conservation. They will also be able to demonstrate their ability to apply these concepts to the solution of problems both familiar and unfamiliar.

Outcome assessment:
The expected course outcomes will be assessed through graded online homework, labs, and exams, as well as a pretest and posttest. The exams will provide a mixture of relatively familiar and unfamiliar problems which will test the students' abilities to apply reasoning based on the conceptual aspects of the material to their solution.

Exams: There will be a total of four in-class exams, including the final. The dates for these exams will be set as we go along, and announced frequently and well in advance (the last exam is at the final exam time, Monday 12/8 at 7:30 a.m.). You may bring a single 3"x5" card along with formulae written on it for each exam. Each exam will count for the same amount (25%) of the overall course grade. The final will NOT be comprehensive.

Homework: We will use an on-line homework service from the textbook publisher at www.masteringphysics.com. You will need to register for this online with the course ID GLAB1408H01F08. The single most common fatal error made by students in this course is to blow off the homework. You MUST do the homework to do well in this class! Homework counts as 10% of your course grade.

Course grade: Out of the four exam grades, the lowest will be dropped... each of the three remaining exams will count 25%, lab will count 15%, and homework will count 10%. The likely grade scale will be.....

100-A-88-B-76-C-64-D-52-F-0.

Assistance: See me during my office hours, use recitation time in lab, or see TAs during their office hours.

Some advice: Come to class, keep up, read ahead, **do the homework**, and all will be well. Probably.

Any student who because of a disability may require special arrangements in order to meet course requirements should contact the instructor as soon as possible to make any necessary accommodations. Student should present appropriate verification from AccessTECH. No requirement exists that accommodations be made prior to completion of this approved university procedure.

Academic dishonesty will not be tolerated and will be treated according to the Student Handbook rules.

