Syllabus: PHYS 1408, Principles of Physics I, Fall 2009

Sections:

- 1408-003, MWF, 4:00-4:50, Sci. 007, Dr. Luis Grave de Peralta, luis.grave-de-peralta@ttu.edu, Office: Sci. 16, Office hours: MWF 2:30-3:30, URL: www.luisgrave.com .
- Text: Halliday,Resnick & Walker, *Fundamentals of Physics*, Vol. 1, 8th Ed., Chapters 1 through 17.
- Class-web: www.blackboard.ttu.edu. This is where you see your exam grades, schedule, syllabus, and announcements. Logon with your eraider name and password and check it out. Check your lab grades every week!

1) Class time
   - You are expected to read the chapters indicated in the "Class Schedule" before coming to class. I will assume that you have read the material and discuss the concepts in class. Class attendance is strongly encouraged.
2) Homework
   - Homework problems are assigned and graded on the web. Once you are registered, you will be able to download the assignments. The assignments are posted on Monday and are due by 11:30 PM on the Tuesday a week later. You will be able to retrieve the answers after the due date. There are total of 10 homework sets for this course. Pay attention to the instructions on the HW website about how the homework is scored.
   - You have to login at http://edugen.wiley.com/edugen/class/cls124916/. Instructions are in the Student Access Kit. If you do not have the Student Access Kit which comes with a new textbook, you can purchase one on www.wileyplus.com/buy. Please do it ASAP. This web site is elsewhere and you should give yourself plenty of time for submitting answers –sometimes the network is slow or down.
3) Exams
   - There will be three in-class exams and a final exam (see Class Schedule for dates).
   - The exams are closed book. You may bring one hand-written 3" by 5" index card with formulae, *etc*. Telephones, pagers, PDAs and other gizmos are not allowed. Calculators are allowed.
   - Format: The exam format depends on the section. Ask your instructor.
   - The final exam is comprehensive and is a common exam for all sections. The format is similar to that of in-class exams but will be longer.
   - There will be no make-up exams.
4) Grading
   - The lowest exam grade (including the final) will be dropped since there are no makeup exams.
   - Homework 10%, each exam 25%, Lab 15% and the final will count 25% towards your final course grade. The grading scale is A=100-87%, B=86-74%, C=73-62% and D=61-50%, F=49 to 0.
5) Help
   - Do not wait until the last second to seek help. If you do not understand the material or feel that you are falling behind, seek help as soon as possible.
   - Your instructor is available during office hours. If you cannot make it, call him or email him.
   - Physics TAs have office hours posted in the Science Bldg. Room 04. Use their help.
6) Course Objectives: Students will learn:
   - How to use Newton's laws to solve problems with static and dynamic bodies.
   - Use of conservation of energy and linear and angular momentum to solve problems.
   - How to represent wave motion and solve problems about sound propagation.

7) Learning Assessment:
   - Certain problems on the final exam will explicitly require facility with the course objectives and be used as learning assessment tools.
8) Other
   - Academic dishonesty will not be tolerated and will be treated according to the rules outlined in the Student Handbook.
   - Any student that because of a disabling condition may require special arrangements in order to meet the course requirements should contact their instructor as soon as possible so that the necessary accommodations can be made. Student should present appropriate verification from Access Tech. No requirement exists that accommodations be made prior to completion of this approved university procedure.