Syllabus for Physics 1441 Spring 2011 - M/W 1:00-2:20, SH 101

Professor: Dr. Ramon Lopez, SH 8 or SH 10, relopez@uta.edu, Ext. 20386.
Office hours: Monday/Wednesday, 11:00-12:00 or by appointment.
By far the best way to reach me is by email. If you leave a phone message it could be a week or more before get back to you. Please use your UTA email address. I will not respond about confidential matters to non-UTA addresses. **Read your UTA email regularly.** I will send out important information to the class that way.

**Text:** Physics: Principles with Applications, Giancoli, 6th edition
**Homework website:** http://www.masteringphysics.com/

**Grading**
Your grade will be computed according to the following percentages:

**Homework - 20%**
If you buy your textbook at the bookstore make sure you get the version that comes with access to a homework website - Mastering Physics. Otherwise you can buy access at the website. You need to go there and register for class with course ID LOPEZPHYSICS1441

**Lecture - 5%**
Bring an index card to class. At the end of lecture you will be given one or two minutes to write down something that you learned in lecture or something about which you have a question. Print your name at the top of the card and turn it in before you leave. Completed, turned-in cards will be counted for full credit.

**Midterm Exams (3) - 35%**
Exams will be given in lecture and announced 1-2 weeks in advance. The first exam is scheduled for Wednesday February 23. The lowest exam score will be dropped.

**Comprehensive Final Exam - 30%**

**Lab grade - 10%**

**Course content**
This course will cover the following topics (chapters 1-15 in the book):
Vectors, Kinematics, Newton's Laws, circular motion- EXAM 1
Gravity, Momentum, Work and Energy, Rotation motion, Fluids - EXAM 2
Waves, Sound, Thermal Physics, - EXAM 3