**COURSE SYLLABUS:** Physics 1404-001, Spring 2012
“General Physics II”, MWF 15:00-15:50, Science Room 007

**Instructor:** Dr. Mahdi Sanati

**Office hours:** open door policy, 46 Science Building, m.sanati@ttu.edu, Phone: 742-3759

**Course materials** (in order of importance):

1. Your well-written lecture notes, and the class presentations by the instructor.

**Exams and Grades:** Three examinations 20% each (the lowest midterm will be dropped), final examination 30%, homework 15%, laboratory 15%; **100-A-88-B-76-C-63-D-50-F-0**

**Attendance:** Required, except for excused emergencies. Each recorded absence counts as −1% and will be deducted from the course total. Students are expected to assist in maintaining a classroom environment that is conducive to learning. In order to assure that all students have the opportunity to gain from time spent in class, unless otherwise approved by the instructor; students are prohibited from engaging in any other form of distraction. Inappropriate behavior in the classroom shall result, minimally, in a request to leave class.

The examinations cover the material from class and your lecture notes, as well as the lecture demonstrations and the online homework. The examinations are closed book, however, a formula sheet will be provided.

**Make-up examinations** will not be given. In a serious emergency, please contact me with documentation and find out how the missed grade will be determined.

**The Homework** is assigned and submitted online. You can find the home works on following site: www.masteringphysics.com and the class ID is: **MPSANATI11404S2012**. Register as soon as possible and submit each homework set by the specified deadline. Do the homework yourself, not in groups! The grades on the examinations reflect how well you can do the homework problems on your own.

**Advice:** Spend at least **10 hours** outside of class each week on the lectures. (The laboratory is extra.) If you ignore this, you will almost certainly receive a grade of **D** or **F**. Spend much time studying your **lecture notes** and do the homework yourself. I often take exam questions from the lectures and the homework. Try to understand the physical principles rather than memorizing results. Review new material before each class.

**Course Objectives:** Students will learn:

- Electricity and Magnetism
- Optics
- Introduction to modern physics
- How to apply physical principles and mathematics to a wide range of physical situations

**Learning Assessment:** Certain problems on the final exam will explicitly require facility with the course objectives and be used as learning assessment tools.

**Examination Security:** The examinations are composed uniquely for this semester. Do not be misled by exploitive businesses that their materials may substitute for proper exam preparation.

**Disability:** Any student who, because of a disability, may require special arrangements in order to meet the course requirements should contact the instructor as soon as possible to make any necessary arrangements. Students should present appropriate verification from Student Disability Services during the instructor’s office hours. Please note instructors are not allowed to provide classroom accommodations to a student until appropriate verification from Student Disability Services has been provided. For additional information, you may contact the Student Disability Services office in 335 West Hall or 806-742-2405.