Course #: PHYS 1404-002
CRN: 40293
Course Title: General Physics II
Credit Hrs: 4
Term: Spring 2012
Course Meetings & Location: MWF: 10:00am-11:50am Science 10
Instructor: Murat Durandurdu
Office Location: Science 3
Contact Info: E-mail: murat.durandurdu@ttu.edu
Office Hrs: MWF 9:30-10:00am and 11:00am-12:00pm, other times by arrangement
Mastering Physics website [www.masteringphysics.com] Course ID: MPDURANDURDU83671
Course Objectives (Learning Outcomes):
Students completing PHYS 1404-002 will demonstrate comprehension of the theory, principles and experiments of electromagnetism and optics

Course Activities/Assignments:
Problem sessions, Homework and Presentation
Homework problems will form the basis for many of the exam problems. Look over your graded homework and the complete solutions given in the class carefully and make sure you can work and understand every assigned homework problem. You are strongly encouraged to talk to the teaching assistant/instructor about homework problems that you do not understand.

Assessment of Course Objectives:
The course assessment uses all of the following evaluation tools: exam scores, classroom participation and presentation.

Exams/Grading Policy:
The THREE MIDTERMS and one comprehensive FINAL will be assigned. The lowest MIDTERM will be dropped. Midterms 15% each, Final %30, Homework %15, laboratory 25%
You might get bonus points from presentations and classroom participation.
GRADING: A = 90 - 100, B = 80 - 89, C = 70 - 79, D = 60 – 69, F=below 60.

The exams will be closed book without access to course notes.
Make-up Policy: NO MAKE-UP EXAM WILL BE GIVEN except that you miss any exam for valid reasons, illness or injury, family emergencies, university approved curricular and extracurricular activities, and religious holidays.

Attendance Policy: The student is expected to attend all classes. When a student has been absent to such a degree as to impair his or her status relative to credit for the course, the instructor may drop the student from the class with a grade of “W” before the course drop deadline and with a grade of “F” after the course drop deadline.

Academic Dishonesty: Although you are encouraged to discuss the class lectures, readings, and homework assignments with your classmates, all the work that you turn in must be your own. NO CHEATING If you make the use of sources besides the class lectures or textbooks, you must provide explicit written references to the sources you used. Failure to follow this rule or any others listed in the Academic Handbook could have drastic consequences, including (but not limited to) ejection from the course with a failing grade.

Civility Statement: Disruptive or disrespectful behaviors (using cell phone, laptop disturbing your classmates etc) will be never tolerated in the class.

Disability Statement: If a student has or suspects he/she has a disability and needs an accommodation, he/she should contact the Student Disability Services in West Hall or call 806-742-2405.

Military Statement: If you are a military student with the potential of being called to military service and or training during the course of the semester, please provide me a copy of military orders.

Course and Exam Schedules:
1. Chapter 16, Electric Charge and Electric Field
2. Chapter 17, Electric Potential
3. Chapter 18, Electric Currents
4. EXAM-I
5. Chapter 19, DC Circuits
6. Chapter 20, Magnetism
7. Chapter 21, Electromagnetic Induction and Faraday’s Law
8. EXAM-II
9. Chapter 22, Electromagnetic Waves
10. Chapter 23, Light: Geometric Optics
12. EXAM-III
13. MODERN PHYSIC (if we have time).