

Physics 214 – Spring 2010

Syllabus

Professor: Dr. Mihai Bondarescu

Email: mihai@relativity.phy.olemiss.edu

Phone: 662-915-7849

Office: 5 Kennon

Office Hours: Tuesday 12:00 – 1:00 in Lewis 101

Thursday 12:00 – 1:00 in Lewis 101

or by appointment

Lecture: TTh 9:00 – 10:30 in Lewis 101

Required Text: Giancoli, *Physics*, 6th Edition

Recommended: L.C. Epstein, *Thinking Physics*

Web Based HW: Mastering Physics - www.masteringphysics.com

Associated Lab: Phys 224 - <http://www.phy.olemiss.edu/~broberts/>

Course Description

This is the first course of a two-course sequence on general physics, mainly for pre-med majors. This semester we will cover Electromagnetic Phenomena - roughly the second half of the textbook.

Students who enroll must have completed PHYS 213 and PHYS 223 and must also take, or have previously passed, the PHYS 224 lab course.

Independent work is strongly encouraged. Extra credit is available for additional problems and any independent activity related to the material covered in this class.

Evaluation

Homework – 10%

Quizzes – 15%

Tests 1-3 – 15% each

Final – 25%

Class Participation – 5%

Extra Credit – unlimited

Course Policies

Absences

Students are expected to attend all lectures, unless there is a strong reason not to. Absences from tests count as zeros, unless they are justified. If you must be absent during a test for a University sponsored event, you **MUST** discuss this with me before the test date. In the case of an unexpected emergency, you must make contact with me as soon as possible and have documentation.

H1N1

Students with cold/flu symptoms are expected to stay at home until they recover. No special arrangements or documentation will be required for absences due to flu.

Academic Integrity (Cheating)

Academic integrity is essential to all the values upon which the University is founded.

Students must therefore embody academic honesty in all aspects of their work.

A student with a documented case of plagiarism or academic cheating in this course will receive the grade of F for the course and may face disciplinary action by the University, including **expulsion**.

Group Work

Physics is very rarely done alone. I encourage you to form study groups in preparation for homework assignments and tests.