

University of South Carolina

**Essentials of Physics II
(PHYS 212)**

Session: *Spring 2012*

First meeting: *January 10th, 2012*

Last meeting: *April 19th, 2012*

Final exam: *April 26th, 2012; 5:30 – 7:30 pm; PSC 006*

Lectures: *Tuesdays and Thursdays, 5:30 – 6:45 pm in PSC 006*

Help sessions: *Mondays, 6:00 – 6:50 pm in PSC208*

Instructor: Pawel MORAWIEC

Office: PSC 307F, *Tuesdays, 11:00 am – 12:15 pm*

Contact: email morawiec@sc.edu

Prerequisites: MATH 142 or equivalent; PHYS 211

Text Book (your choice):

Bauer and Westfall, *University Physics*

Halliday, Resnick and Walker, *Fundamentals of Physics*

Homework: <http://loncapa2.physics.sc.edu>

Tests: *February 16th, April 5th*

Grade composition: homework 40%
 tests (together) 30%
 final exam 30%

Grading scheme: above 55% - D and D+ grades
 above 65% - C and C+ grades
 above 80% - B and B+ grades
 above 93% - A grade

Short description of the course:

- This course is calculus based and the mathematical skills at the level of the textbook are expected.
- Course material covers electricity, magnetism and optics.