

Physics 152 Spring 2010
MWF 8:30-9:20
PSB 217

Instructor: Eric Dodson Office: Wat 427 Phone: 956-2982 email: eadodson@phys.hawaii.edu

Office hours: MWF 11:00-Noon; and by appointment
I will also hold a weekly problem solving session (or two).
(Time and location to be announced)

Text: College Physics , Young & Geller(Volume 2)
We will cover the following chapters :

17. Electric Charge and Electric Field
18. Electric Potential and Capacitance
19. Current, Resistance, and Direct-Current Circuits
20. Magnetic Fields and Magnetic Forces
21. Electromagnetic Induction
23. Electromagnetic Waves and Propagation of Light
24. Geometric Optics
26. Interference and Diffraction
27. Relativity
28. Photons, Electrons and Atoms

Website: Class info (i.e. sample midterms and their solutions) will be posted at
www.phys.hawaii.edu/~eadodson/pub/phys152

Grading: The course will be graded on a curve with the following breakdown.

Participation	5%
Homework	10%
Quizzes	15%
Midterms	45%
Final Exam	25%

Participation: Class participation will be graded via the use of the “i-clicker” system. Details of the “i-clicker” system will be explained in class.

Homework: I will not be collecting written homework this semester. I will assign problems from the text that will be completed via Mastering Physics (www.masteringphysics.com) . To obtain access to the site you must purchase a textbook.

Quizzes: A ten to fifteen minute quiz will be given promptly at the beginning of class on selected Fridays (To be announced the previous class day). Each student's lowest quiz score will be dropped at the end of the term. No make-up quizzes will be given.

Midterms: Two midterms will be given. Midterms from previous years can be found on the classes website. The midterm will consist of twenty multiple choice problems worth three points apiece and two twenty point problems that will be graded for partial credit.

Midterm I Friday, February 12

Midterm II Friday, March 19

Final Exam: The final exam is scheduled for Friday, May 14 (7:30-9:30 AM)
The final exam will be comprehensive.