

# Physics 272: General Physics II

## (Electricity, Magnetism, and Optics)

Monday, Wednesday, Friday section

Spring 2010

Professor Gary Varner  
Updated 1/26/2010

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### News:

- Online part of Assignment II (VARNERPHYS272) in [Mastering Physics](#) due **Wednesday, Jan. 27, 2009**
- **Turn in 21.96, 22.6, 22.58 and 22.30 for grading**
- Please refresh link below regularly to get updated assignments

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- [Detailed course schedule information](#) Revised: 1/11/2010
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### Important Course Information:

- Class meets Monday/Wednesday/Friday 8:30 - 9:20 in Watanabe Hall room 112
- Instructor: Gary Varner Office: WAT 333 Laboratory: WAT 214
- e-mail: varner#phys.hawaii.edu, varner#hawaii.edu
- Office Hours: Mon, Wed, Fri 9:30 - 10:00am, Wed/Fri 1 - 1:30pm **WAT 214** (or other times by arrangement)
- Course WWW page: <http://www.phys.hawaii.edu/~varner/PHYS272-Spr10/physics272.html>
- **Student Learning Objectives** for this course are detailed [here](#)
- Lecture archive available -- as long as in general people coming to class
- In order to complete the online homework, [you must register for a Mastering Physics account](#)
- iClicker **debugging** -- what to try, [if your clicker is not responding](#)

Prerequisite: Math 242. **Calculus is used in this course.**

Text: University Physics II by Young and Freedman, 12th Edition

Computers: *A computer account with access to World-Wide-Web is required for the Mastering Physics Exercises*

Roughly half the homework will be done using the mastering physics system, the other half to be turned in for grading.

Grading: Problems 20%, Midterms 35%, Mini-quizzes 5%, In-class 5%, Final 35%

There are two midterm exams (notecard and calculator), six short mini-quizzes (closed book, ~10 minutes), and in-class participation.

**To learn physics you must do the homework.**

- **Final Exam: Friday May 14, 2010, 7:30 - 9:30 a.m.**

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1. [Lecture 1](#) (11-JAN-2010)
  2. [Lecture 2](#) (13-JAN-2010)
  3. [Lecture 3](#) (15-JAN-2010)
  4. [Lecture 4](#) (20-JAN-2010)
  5. [Lecture 5](#) (22-JAN-2010)
  6. [Lecture 6](#) (25-JAN-2010)
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