

**PHYSICS 272 001 / CRN: 82401 / GENERAL PHYSICS PHYSICS II**  
SPRING 2012 / Watanabe Hall 112 / MWF, 8:30AM - 9:20AM

**Instructor**

Dr. Chester Vause

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Office Hours: MWF 10:00AM-11:00AM, TTh 12:00PM-12:30PM, or by appointment.

**Pre-requisites**

Phys 151 or 170, Math 242 or Math 252A (or Math 216 with consent) in order to enroll for this course. Vector calculus is used extensively in this course.

**Textbook (Required)**

University Physics, Volume 2 (12th edition), Hugh Young and Roger Freedman (Pearson Addison Wesley, 2008). No other materials are required.

**Textbook Chapters**

Chapters 21-32 (electromagnetism), 33-34 (geometrical optics). There may be adjustments made, to be announced as the course develops.

**Homework Problems**

Homework problems will be assigned weekly and collected. Selected problems will be graded. The odd numbered problems have answers in the back of the book. The even numbered problems are of similar quality and do not have answers in the back of the book. Homework is worth 10% of the final grade.

**Tutoring**

Tutoring centers are available at Watanabe Hall, Room 421, and Bilger Hall Learning Emporium, Room BilA 209. Check the schedules at these locations for available times.

**Exams**

Personal paper formula sheet(s) (1 for Exam 1, 2 for Exam 2, etc.), and scientific calculator, ONLY. No other materials. No internet devices or electronic storage media. Exam dates are:

Exam 1	Friday	February 3, 2012	
Exam 2	Friday	March 2, 2012	
Exam 3	Wednesday	April 4, 2012	
Final Exam	Friday	May 11, 2012	7:30AM-9:30AM

Each exam is worth 22.5% for a total  $(4) \times (22.5\%) = 90\%$  of the final grade. Each exam (including the Final Exam) is based on material covered since the previous exam.

### **Grade Scale**

The letter grade is determined from the total score ( $10\% \text{homework} + 90\% \text{exams} = 100\%$ ) according to the following scale:

A- (86%-90%)	A (91%-95%)	A+ (96%-100%)
B- (61%-70%)	B (71%-80%)	B+ (81%-85%)
C- (31%-40%)	C (41%-50%)	C+ (51%-60%)
	F (0%-20%)	D (21%-30%)

*NO INCOMPLETE GRADE GIVEN*

### **NOTICE**

No electronic recording and electronic storage of any kind of lectures and lecture board writing.

No internet devices (electronic phones, pads, computers, etc.). Turn off your wireless telephones, etc. Do not attend to these during class (no texting, etc.) as such behavior is distracting to the instructor and your classmates.

Be prepared to take the exams in-class as scheduled. This is not negotiable.

This course is a lecture format. Attendance is not taken. If you come to class, plan to stay. Excessive coming and going will not be tolerated. If you are late, enter quietly through the back door. Do not disturb the class.