

# Course Information for PHY 112: General Physics Fall Semester, 2006 — M. F. Thorpe

Textbook: *College Physics*, by Raymond A. Serway, Jerry S. Faughn, Chris Vuille and Charles A. Bennett, Volume 2. This book is available at the ASU bookstore.

Lectures: T, Th 7:40 - 8:55am, room PSF 173

Instructor:

- Professor Michael Thorpe
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- E-mail: mft@asu.edu
- Office Hours: T 1:30 -2:30pm,Th 10:30 – 11:30am.

Course Material: The course will cover chapters 15-25 of the text.

Online Materials. There is a rather nice online resource that is tied directly to the book and is accessible via <http://www.cp7e.com> . You will have to go through the logon procedure the first time which is a little tedious, and then it should be very helpful with interactive materials, worked examples, test quizzes etc. The access code is in the “Physics –Now” sticker in the textbook.

Recitations: You must attend the recitation for which you officially registered. Your Teaching Assistant (TA) will be either Jill Kennedy or Adam Blake. The purpose of the recitation sessions is go over the assigned homework problems and the get back the assignment from the previous week that will have been graded. During the recitation you will have the opportunity to discuss the lecture material, go over the solutions to the previous week’s homework and preview the next week’s homework.

Homework: There will be 13 homeworks assigned, and the best 10 will count towards your final grade. On each homework, 2 questions will be graded at random, and there will be a maximum of 20 points on each homework, so all the homeworks will count for a maximum of 200 points. Credit will also be given for each homework attempted. There will be no credit for missed homeworks.

Quizzes: There will be quizzes given during class in most lectures for bonus points. A correct answer will get 2 points and an incorrect answer 1 point. Typical there will be about 3 questions per quiz. Quizzes are for extra credit and no make up is possible.

Midterm exams: There will be two midterm exam during class time as listed on the schedule. Each midterm exam will be worth 150 points. If you miss the first midterm, with a valid doctor’s note, then the total score for the second midterm will be doubled. If you miss the second midterm with a valid doctor’s note, the score for the final will be scaled up by a factor 1.6. If you miss both midterm’s with valid doctor’s notes, the final will be scaled up by a factor 2.2.

Final Exam: The final exam will be worth 250 points. According to the University calendar the date for the final exam is Friday, December 8 from 7:40am to 9:30am, in the regular lecture hall (PSF 173). This date cannot be changed. If you miss the final exam, with a valid doctor's note to me, you must take a make-up to get a final grade.

Course Grade Summary:

	Total Points	Percentage
Homeworks	200	27%
Midterm 1	150	20%
Midterm 2	150	20%
Final	250	33%
<b>Total</b>	<b>750</b>	<b>100%</b>

Website: The course website is <http://phy.asu.edu/classes/phy112-thorpe>. There you will find course information, class schedules, etc. Grades, solutions, and other relevant material will be also in the website. The files will be either inHTML or in PDF format. Please check it regularly.

Help Study Room: The Department of Physics and Astronomy maintains a Help Study Room for several of its introductory courses. The Help Study Room for this course is located in PSH 352.

PRS (Personal Response System)

You will use a battery powered remote control-like units to respond to multiple choice questions. Responses are collected by an array of overhead receivers and passed to a computer. Combined results are projected for the class in a histogram and responses of individuals are recorded. You should purchase the transmitters from the bookstore and can sell them back at the end of the semester.

Scores: Grades will be assigned as follows, based on percentages

A+	> 100
A	90 - 99
A-	85 - 89
B+	80 - 84
B	70 - 79
B-	65 - 69
C+	60 - 64
C	50 - 59
D	40 - 49
E	< 39

General Policy:

- Any student found to be involved in academic dishonesty would be removed from the class and given a grade of "E" for the course. Further, more serious action may also be taken.
- Students must carry an ASU student ID at all times, and be ready to show it upon request.