

# University Physics II

PHY 2513 Fall 2007

Instructor: Dr. Kevin Storr  
Text: *Physics for Scientists and Engineers*, 3<sup>rd</sup> ed., Douglas C. Giancoli  
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Classroom: New Science Building, Room 103  
Course Website: <http://www.pvamu.edu/pages/2812.asp>  
Homework Website: [hw.utexas.edu](http://hw.utexas.edu)  
Homework ID #: 28002

Time	Office Hours
4:00pm – 5:20pm T & Tr	MWF 10am – 10:50am
	MW 12pm – 2pm

## NOTE

Exams and Homework dates **are subject to change** with prior notice. The subject matter in the lectures will follow the text; however minor, additional relevant material Dec be presented from sources not found in the text.

## COURSE DESCRIPTION

3 Credit semester hours. A calculus based introduction to Physics whose main components include Newtonian Mechanics (translational and rotational), Energy and oscillations.

## COURSE POLICIES

This course uses the lecture format. Selected materials in each chapter will be covered during the lectures. Students should read the entire assigned chapters prior to class as lectures alone are insufficient for material proficiency. Lecture will be used to amplify and explain the materials found in the textbook. Homework problems will be assigned during the entire semester for each chapter covered and will be done online via the website [hw.utexas.edu](http://hw.utexas.edu). Students are also required to keep a homework journal as part of the homework process. The journal is comprised of all **completed** problems in a separate notebook/folder. This will be collected at announced times during the semester. It is expected that the student solves these problems prior to the next class meeting. Any student unable to solve a particular assigned problem(s) should participate in help sessions- recitation & tutorial. Pop quizzes Dec be given occasionally on covered materials and will be counted as extra

credit. It is expected that you will need to spend at least two hours studying outside the class for each hour spent in class (**minimum of 6 total hours per week**).

**You should also be currently enrolled in Phys-2521 laboratory.**

## **REQUIREMENTS**

1. Each week a set of homework questions shall be assigned from the text, which will assist in determining your competency of the information presented. Assignments are due on specified due dates and times; additional time need not be requested. **Better Never, than Late!**
2. Exams will be periodically given following the completion of every even chapter. There will be a comprehensive final exam given at semester's end.
3. Makeup exams and quizzes are not offered, so please **do not ask**. Instead, the lowest grade on the exams shall be dropped. The only valid excuses for missing an exam or failing to turn in homework on time are illnesses requiring medical care, **required** college activities or a personal emergency of a **serious nature**. To be excused without penalty, you must contact me as soon as possible and provide **documentation** or have received **prior permission**. In such cases only a week is allowed for a makeup. Work conflicts, computer or car problems, forgetting or oversleeping are not valid excuses. Arrangements can be made **ONLY** if you have contacted me before the exams are returned (generally the next class period).
4. In the remote cases whereby late work is allowed, the maximum allowed score is 50% of the total.
5. Please turn off all cell phones and beepers when entering the classroom.
6. If you miss class contact a peer for information missed. I am not responsible for getting lecture notes to you.
7. **Academic Dishonesty/Cheating:** You are responsible to know the elements of academic dishonesty, plagiarism, cheating etc., as set forth in *PVAMU Student Handbook*. PVAMU allows no form of collaboration in the preparation of papers or in the taking of quizzes or exams. Work on paper, quizzes, and exams must be totally your own. You should neither request nor give help. The penalty for violating the PVAMU Academic Honor Code in this class is a score of zero for the quiz, exam, or paper in which the violation occurs.

## **HOW TO SUCCEED IN Phys 2513**

1. Attend **EVERY** class.
2. **READ** the assigned chapter **BEFORE** class.
3. Do NOT wait until the day before the exam to study. Review notes **DAILY**.
4. Check with your instructor as soon as possible if you do not understand a concept.
5. Plan **TWO (2) hours, THREE** times a week to provide sufficient study time to cover reading, homework, and review.
6. **Form a Study Group. Your study group can provide information that you might miss in class and provide a forum for questions and regular review of class material.**

**STUDY GROUP MEMBERS:**

<b>NAME:</b> _____ <b>Phone:</b> _____ <b>Email:</b> _____	<b>NAME:</b> _____ <b>Phone:</b> _____ <b>Email:</b> _____
<b>NAME:</b> _____ <b>Phone:</b> _____ <b>Email:</b> _____	<b>NAME:</b> _____ <b>Phone:</b> _____ <b>Email:</b> _____
<b>NAME:</b> _____ <b>Phone:</b> _____ <b>Email:</b> _____	<b>NAME:</b> _____ <b>Phone:</b> _____ <b>Email:</b> _____

**GRADING SCHEME**

<b>Assignment</b>	<b>Points</b>	<b>Grade</b>	<b>Scale (% of total points)</b>
Quizzes	10	<b>A</b>	<b>90 – 100</b>
Homework	20	<b>B</b>	<b>80 – 89.99</b>
Exams	30	<b>C</b>	<b>70 – 79.99</b>
Final	40	<b>D</b>	<b>60 – 69.99</b>
		<b>F</b>	<b>Below 60</b>
<b>Total</b>	<b>100 points</b>		

You should keep a record of your point totals on quizzes, exams, homework and lab in order to verify and check my record keeping.

**I DO NOT CURVE!!!**

## Semester Schedule (subject to change)

Week	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
1	20-Aug	21- Aug <b>Introduction</b>	22- Aug <b>Convocation</b>	23- Aug <b>Chapter 2</b>	24- Aug
2	27- Aug	28- Aug <b>Chapter 2</b>	29- Aug	30- Aug <b>Chapter 3</b>	31- Aug
3	03-Sep <b>Labor day</b>	04-Sep <b>Chapter 3</b>	05-Sep	06-Sep <b>Chap 4/Review</b>	07-Sep
4	10-Sep	11-Sep <b>Exam 1</b>	12-Sep	13-Sep <b>Chapter 4</b>	14-Sep
5	17-Sep	18-Sep <b>Chapter 4</b>	19-Sep	20-Sep <b>Chapter 5</b>	21-Sep
6	24-Sep	25-Sep <b>Chapter 5</b>	26-Sep	27-Sep <b>Chapter 6</b>	28-Sep
7	01-Oct	02-Oct <b>Chap. 6/Review</b>	03-Oct	04-Oct <b>Chap. 7/Review</b>	05-Oct
8	08-Oct	09-Oct <b>Exam 2</b>	10-Oct	11-Oct <b>Chapter 7</b>	12-Oct
9	15-Oct	16-Oct <b>Chapter 7</b>	17-Oct	18-Oct <b>Chapter 8</b>	19-Oct
10	22-Oct	23-Oct <b>Chapter 8</b>	24-Oct	25-Oct <b>Chapter 9</b>	26-Oct
11	29-Oct	30-Oct <b>Chapter 9</b>	31-Oct	01-Nov <b>Ch. 10/Review</b>	02-Nov
12	05-Nov	06-Nov <b>Exam 3</b>	07-Nov	08-Nov <b>Chapter 10</b>	09-Nov
13	12-Nov	13-Nov <b>Chapter 11</b>	14-Nov	15-Nov <b>Chapter 14</b>	16-Nov
14	19-Nov	20-Nov <b>Exam 4</b>	21-Nov	22-Nov <b>Thanksgiving</b>	23-Nov <b>Thanksgiving</b>
15	26-Nov <b>REVIEW DAYS</b>	27-Nov <b>REVIEW DAYS</b>	28-Nov <b>STUDY DAYS</b>	29-Nov <b>STUDY DAYS</b>	30-Nov <b>FINALS BEGINS</b>
	03-Dec <b>FINALS WEEK</b>	04-Dec <b>FINALS WEEK</b>	05-Dec <b>FINALS WEEK</b>	06-Dec <b>FINALS WEEK</b>	07-Dec <b>FINALS WEEK</b>