

Advanced Placement Physics-B, 2006-2007.

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Overview:

This course is equivalent to a first-year Algebra/Trig based college Physics course (Physics 114, 115, 116 at UW, they use the exact same book). As such, it requires a considerable effort and time commitment compared to our regular Physics course - you can expect, as is the case with most college courses, to spend at least as much time outside of class as you do in class working in this course and probably much more. A year of Physics is helpful, though not required for this course, but I encourage you to seek others with more experience if this is your first course in Physics. We will move fast and part of your challenge will be to keep pace, for falling behind is a difficult obstacle to overcome. Your work will culminate with the AP Exam in early May which can earn you either college credit or a course waiver depending on the school you attend.

Assignments:

- ❖ Usually no more than 3-5 problems per day on the average of 3-4 times per week
 - 2 points each, 1 pt extra credit if presented to class
 - Due the next day – no exception.
- ❖ Chapter Pre-read worksheet for each chapter, 10 points

Assignments:	10%
Lab Reports:	20%
Chapter Quizzes:	50%
Term Exams:	20%

Chapter Quizzes:

- ❖ Review Worksheet given before the Quiz
 - Up to 5 Quiz points extra credit if turned in on Quiz day
- ❖ Post-Quiz Activity (the next day):
 - You find Your mistakes on Your work from Your quiz and show me to gain points back
 - --- No work, No points back ---
- ❖ Drop Lowest Quiz per Term (except the 4th term)

No Current Events !!

Laboratory Reports:

- ❖ All formal; 100 points each
- ❖ One per chapter
- ❖ Due by 3:00 p.m. on due date
- ❖ 10% deduction per week (any part of) after the due date.
- ❖ Labs may be resubmitted with corrections within current term and if originally submitted complete.
- ❖ Laboratory Portfolio
 - All graded labs with Table of Contents in a bound notebook
 - Due 1/26/06 & 6/1/2007
 - 50 points & 100 points respectfully

Term Exams:

- ❖ Comprehensive for the current semester
- ❖ Review provided prior to exam
- ❖ Dates (tentative):
 - Term 1: 11/6/2006 ➤ Term 2: 1/25/2007
 - Term 3: 4/5/2007 ➤ Term 4: 6/1/2007

Grading Scale	
90 – 100	A
85 – 89	A-
80 – 84	B+
75 – 79	B
70 – 74	B-
67 – 69	C+
63 – 66	C
60 – 62	C-
55 – 59	D+
50 – 54	D
0 – 49	No Credit

AP Exam

- ❖ When: May 14, 2007, 11:30 am
- ❖ Where: Bower Center*
- ❖ How much: \$82.00
- ❖ Why:
 - You can gain college credit for earning a 3, 4, or 5 (from most colleges).
 - You may exempt yourself from the final term exam for taking the exam.
 - Your second semester percentage will be increased for the following results:
 - 3: add 5 points; e.g. B → B+
 - 4: add 10 points; e.g. B → A-
 - 5: add 15 points; e.g. B → A
- ❖ If the majority of the class is taking the exam, two weeks prior to the exam, there will be a major review in class; otherwise, the review for those taking the exam will be scheduled after school.

Note: these changes will occur during the summer since the results are not ready until then.

Expectations

- ❖ You can expect to be challenged during this course. It can be the hardest course you will love to hate at times. Hard work usually results in high rewards.
- ❖ You can expect that I will do whatever it takes to help you. I am available usually daily until 4:00 p.m. Break the ice and come in for help.
- ❖ You should find at least one study partner. Email addresses and phone numbers will be available from your classmates.
- ❖ I expect you to be honest in your academics. I will not accept work that was not produced by you.
- ❖ This is not a course to try to increase your GPA. If you worry about earning less than an A, you may be misplaced. On the bright side, with few exceptions, colleges and universities look favorably on the attempt in AP courses, especially the sciences. Earning a B in Advanced Placement Physics may in fact lower your grade point average, but it may increase your chances in getting into a competitive college.

Data from 2005 Exam:

Number in class: 15
 Number taking exam: 15
 Scores: 5: 2
 4: 1
67% passing 3: 7
 2: 3
 1: 2

Data from Grades in class:

Number in class: 15

	Sem 1	Sem2
Grades:	A: 6	9
	B: 7	3
100% passing	C: 4	2
	D: 1	0
	F: 0	0