

DEPARTMENT OF PHYSICS
Fall 2015 **Physics 2A**

INSTRUCTOR: Dr. Wouter-Jan Rappel rappel@physics.ucsd.edu
Office: 7242 Urey Hall
Office Hours: Th 10:00 am-11:00 am

Course Coordinator: Patti Hey, 2571 Mayer Hall Addition, 822-1468,
plhey@physics.ucsd.edu

2A Teaching Assistant: David Vidmar dvidmar@physics.ucsd.edu
(office hours: W 1:00 pm- 2:00 pm; tutorial center 2702
Mayer Hall Addition)

CLASS SCHEDULE:

Lectures: MW 11:00 am – 11:50 am 2722 York Hall
 Tu 2:00 pm – 2:50 pm 2722 York Hall

Weekly Quiz: F 11:00 am – 11:50 am 2722 York Hall
Except Sept. 25, which will be a lecture day

Discussion Sessions: Thursday 2:00 pm – 2:50 pm 2722 York Hall

Problem Session: Wednesday 8:00-9:50pm 107 Solis Hall

Final Exam: Tuesday, Dec 8, 11:30am-2:29pm, location TBA

Final Examination: The final examination will cover all of the material of the course. **Please check your final exam schedule and inform the instructor of any conflicts within the first two weeks of the quarter.**

TEXT: Halliday & Resnick & Walker, Fundamentals of Physics, 10th Edition,
John Wiley & Sons.

Help Is Available: Problem solving sessions will be held on Tuesday evening. At these sessions, problems will be worked out and the weekly lectures gone over. Attendance is voluntary, but students are encouraged to use these meetings to help master course material and prepare for quizzes. Individual assistance is available during office hours. **The Physics**

Dept. tutorial center (location 2702 Mayer Hall Addition) is also open Sunday-Thursday from 3-8 p.m.

Acad. Dishonesty: Please read “UC Policy on Integrity of Scholarship” in the UCSD General Catalog. All incidents will be promptly reported!

Course Format: Physics 2 A-B-C-D is a lecture course covering mechanics, electricity and magnetism, waves and modern physics. Physics 2A is a calculus-based science-engineering general physics course covering mechanics. Trigonometry, vectors, and calculus will be used in lectures, problem sets and exams.

HW Assignments: Problem sets are assigned as selections from each text chapter. Solutions will be available on the website. The problems will be worked in detail during the problem session. The homework will not be graded, but exam problems may resemble homework that is assigned.

Quizzes: Eight quizzes will be given and your two lowest quiz score will be dropped. **There will be no make-up quizzes.** **You must purchase your own scantron form for quizzes (No. X101864-PAR). They are available at the Bookstore and the general store co-op. You will need a No. 2 pencil to fill in the scantron.** When results of exams are posted on the website, they will be listed by PID number. At each exam you are to enter your PID into the top right area of the Scantron labeled ID Number. You are to replace the initial A in your PID with the number 0.

Cheat sheet: You are allowed to bring to the quizzes and final one 8.5x11 sheet of paper with formulas. A standard or graphics calculator allowed during the exams. Cell phones, however, are not allowed!

Grading Policy:

Quizzes	60%	(Determined by your top six quiz scores)
Final Exam	40%	

Grading Scale:

85-100	A
70-85	B
60-70	C
50-60	D
<50	F

I will not entertain questions or email inquiries about this scale!