



**No scantron card or no pencil, no credit for the quiz.** You should write your code number, course number, session number and quarter, on the space provided. Detailed instructions will be given by the TA at the first quiz.

3. You may bring a calculator to the quiz (but not a laptop computer). You may bring a cheat-card: must be a 5x7 handwritten card.
4. Recorded grades will be posted by code number on the course web site.
5. Any appeal to the grading of quizzes should be made in writing to the teaching assistant, within one week of the posting of the grades for that quiz. You must provide a written explanation as to why you are appealing the grade (be specific). No complaints will be accepted at later dates.
6. Your overall quiz grades will be computed from the best 7 of the 9 quizzes and will count 70% towards the final grade. Two of the quizzes can therefore be used for absences without penalty. Therefore **there will be no make-up quizzes.**
7. There will be no makeup quiz, for medical or other reasons. If you anticipate missing more than 2 quizzes for serious reasons, see the instructor beforehand.

FINAL EXAM AND COURSE GRADE SCHEDULE:

	<b>DAY</b>	<b>TIME</b>	<b>PLACE</b>
FINAL EXAM	<b>Tuesday, March 21</b>	11:30-2:30	<u>TBA</u>

**Course Grade**

**Quizzes – 70% (best 7 of 9)  
(100 points/quiz)**

**Final Exam – 30%  
(300 points)**

**WHOM TO SEE:**

*Sharmila Poddar*, 116 Urey Hall Addition, Physics Dept. Student Affairs Office, if you have any trouble using StudentLink/WebReg to add/change/drop, drop from wait-lists, have any questions about adding or dropping the course or to get appropriate authorization for such actions.

The *Teaching Assistant* if you have questions relating to problem solving methods or grades received on quizzes.

The *Instructor*, if you have basic questions about the subject matter, or if you have administrative problems, which you cannot solve with the TA.

**ADD/DROP:**

Use StudentLink/WebReg to add/change/drop, drop from waitlists.

**No add/drop cards will be signed by the instructor or TA.**

**DEADLINES:**

Last day to add ..... Friday, January 20, 2006

Drop without "W" on transcript ..... Friday, February 3, 2006

Drop without penalty of "F" (and with "W" appearing on transcript) ..... Friday, March 10, 2006

**No drops allowed after March 10, 2006**

## ACADEMIC DISHONESTY:

Please read "Responsibility for Disposition of Cases of Academic Dishonesty" in the UCSD General Catalog. The rules on academic dishonesty will be strictly enforced.

## REMEMBER

This is considered by students to be a difficult course.

- Calculus will be used extensively
- Study after every class, starting with the first class
- Do all homework on time and attend discussion sections
- Do not expect quiz and test problems which are identical to the homework ones. You must understand concepts, not just physics numbers.
- No excuses whatsoever will be accepted for skipping quizzes or tests
- Participate actively in the class, ask questions, etc.
- Film and Video Reserves (Geisel Library, 1<sup>st</sup> floor, west side) carries a series of taped lectures by Prof. Goodstein from CalTech.

Title: Gravity, Electricity & Magnetism  
(The Mechanical Universe and Beyond)  
Call #: FVLV1642-26, volume 6

Viewing this tape may help you out greatly and is strongly recommended.

## TENTATIVE COURSE OUTLINE

PHYSICS 2B  
I. Schuller  
2006

January 9, 2006  
Winter Quarter

LECTURE	TOPIC OF LECTURE	QUIZ TOPIC (Date)	ASSIGNED PROBLEMS
1	Electric Charge Coulomb's Law		Ch. 23 – 11,19,22,24
2	Electric Field	Ch 23 (January 13)	Ch. 23 – 30,39,46,48,50,68,78
3-6	Gauss' Law, Ch 24	Ch. 24 (January 20)	Ch 24 – 9,10,26,31,36,41,54,63
7-9	Electric Potential, Ch 25	Ch 25 (January 27)	Ch 25 – 8,28,35,39,50
10-12	Capacitors, Ch 26 Current, Ch 27	Ch 26, 27 (February 3)	Ch 26 – 15,36,37,47,54 Ch 27 – 10,36,39,50,71
13-15	Circuits, Ch 28	Ch 28 (February 10)	Ch 28 – 22,26,29,31,43,55
16-18	Magnetic Field, Ch 29 Sources of Magnetic Field (I), Ch 30	Ch 29 (February 17)	Ch 29 – 13,22,27,36,38,53 Ch 30 – 10,15,17,24
19-21	Sources of Magnetic Field (II), Ch 30 Induction (I), Ch 31	Ch. 30 (February 24)	Ch 30 – 36,40,45,57 Ch 31 – 14,17,21,25,27
22-24	Induction (II), Ch 31 Inductors, Ch 32	Ch 30, 31 (March 3)	Ch 31 – 29,32,34,35 Ch 32 – 22,36,55,66
25-27	Alternating Currents, Ch 33	Ch. 32,33 (March 10)	Ch 33 – 18,30,39,45,60
28-30	Maxwell's Equations, Ch 34 Electromagnetic Waves	<u>No Quiz</u>	

FINAL EXAM (see pg.2)

