

John E. Erdei

INTEGRATED NATURAL SCIENCE SEQUENCE (INSS)
SCI190
Summer 2005

Physics: Science Center 101B
92318
John.Erdei@notes.udayton.edu

Premedical Programs:

Science Center 375
93545
premed@notes.udayton.edu

Office Hours: **After Class**

NOTE: The Classroom has been moved to SC107

Web Page: <http://www.udayton.edu/~physics/jee/jee.htm>

Text: Hewitt, *Conceptual Physics*, 9th Ed.

INTRODUCTION

SCI190 is the first course in a sequence of three courses. These courses are integrated, which allows information from one course in the sequence to be used in another course. **FOR FULL DETAILS ABOUT THE INSS CONSULT THE SCI190 LINK IN THE WEBPAGE LISTED ABOVE.**

Grading

Exam	Points	Exam	Points
Test 1	50	Test 4	50
Test 2	50	Test 5	50
Test 3	50	Test 6	100
		Total	350

Grades will be computed on the basis of a possible 350 points on the tests.

Points	Percentage of Total	Grade	Points	Percentage of Total	Grade	Points	Percentage of Total	Grade	Points	Percentage of Total	Grade
325	93%	A	304	87%	B+	269	77%	C+	210	60%	D
313	90%	A-	290	83%	B	255	73%	C	< 210		F
			280	80%	B-	245	70%	C-			

ALL EXAMS ARE CLOSED BOOK, WITH NO FORMULA SHEETS OR CALCULATORS

NOTE: ALL tests must be taken at the assigned time. **A make-up exam will be given at the end of the term for those with a LEGITIMATE WRITTEN MEDICAL EXCUSE.** Missed tests without such an excuse will be assigned a zero (going out of town and ride is not returning on time to take exam is not an acceptable excuse). Makeups are not given to replace a low score on one of the tests.

The exams are not returned to the students. They can be examined at any time in the instructors office.

MAKEUPS: A day is set aside at the end of the term for ALL makeup exams. Those with a valid excuse must obtain a **REQUEST FOR MAKEUP EXAM** form from the instructor of the course. The form must be filled out and signed by the instructor. Students who have not filled out a request form will not be allowed to take a makeup exam. Unless otherwise stated in class, **ALL MAKEUP EXAMS ARE ON THE DATE LISTED ON THE CALENDAR AT 7:00 PM IN THE USUAL CLASSROOM**

LAST EXAM: The last exam is administered during finals week. The time and date of the exam is listed on the calendar. **All students registered for this course are required to take the last exam at the time specified.** Students unable to take the last exam for a valid medical reason will be given an "T" and the exam will be made up at a later date. An exception is given to graduating seniors, who may have to take the exam early. This will be arranged by the instructor.

SCI190 DISCUSSION GROUP: A web based threaded discussion group has been established for this section of SCI190. This threaded discussion can be accessed from the course Website (below). Contributions to this discussion group must be course related. Entry to the group requires the use of your course password.

COURSE WEBSITE: There is a website associated with this course that can be accessed through the website of Dr. Erdei at <http://www.udayton.edu/~physics/jee/jee.htm>. To get to the course website, click on the SCI190 link (in blue) at the bottom of the page.

SPECIAL CONSIDERATIONS: Students with learning disabilities can be given extended time for exams or a private location for taking exams in accordance with state and federal law. **ALL STUDENTS REQUESTING SPECIAL CONSIDERATION ON EXAMS MUST PRESENT DOCUMENTATION** from the Office of Learning Assistance to the course instructor at the beginning of the semester. Any special considerations for the location of the administration for the exam must be arranged with the instructor in advance.

Homework
Hewitt, 9th Ed.

NOTE: Some sections in a given chapter will not be covered in class and will not appear on exams. **Review Questions** are labeled by section in the book. Only those sections that have **Review Questions** assigned from them will appear on exams.

C1	Rev: 1,9,10,11,12,19 Ex: 7 Prob:	C17	Rev: 3,4,13,22,23,28,29 Ex: 3,4,7,14,20 Prob:
C2	Rev: 1,7,8,9,10,11 Ex: 1,7,9,11,12,14,18,24,25 Prob:	C18	Rev: 7,8,9,10,11,16,28,29 Ex: 2,3,4,6,7,14,18,20,22,32,34,36,37 Prob: 1,2,3
C3	Rev: 2,3,4,5,6,7,8,9,10,11,12,18,19,20,22,23,24,26 Ex: 3,4,6,7,8,9,11,12,13,14,16,19,21,24,25,29 Prob: 3,4,5,7	C19	Rev: 8,10,11,12,13,14,15,18,20,21 Ex: 7,8,9,10,11,12,13,14,15,16,17,18,21 Prob: 3,5,6
C10	Rev: 4,5,6,7,8 Ex: 2,3,4,9,12,13,15 Prob: 2,4	C20	Rev: 6,8,10,23,24,25,27,28 Ex: 2,3,5,12,13,15,16,20,24,25,27,28 Prob: 1,2,3,4,7
C4	Rev: 1,10,11,12,16,20,22,23,24,25,28,29,30,31,33 Ex: 1,2,3,4,5,6,11,14,15,19,30,32,37,39 Prob: 2,3,4,5,8	C22	Rev: 1,3,4,5,7,10,18,19,26,27 Ex: 1,5,6,7,8,10,14,17,19,20,22,24,33,40 Prob: 1,10
C5	Rev: 4,5,9,10,11,13 Ex: 2,5,8,15,19 Prob: 1	C23	Rev: 4,5,17,19 Ex: Prob:
C6	Rev: 1,3,5,6,7,9,11,14,18,19,21 Ex: 1,2,3,4,5,10,11,12,14,19,20,22,23,24,29,35,36,37,43,44,45 Prob: 8,9	C24	Rev: 3,6,7,9,10,12,13,14,19,20 Ex: 1,3,7,8,9,11,17,22,27,32 Prob:
C7	Rev: 3,4,5,6,9,10,13,14,15,18,32,33 Ex: 1,2,4,5,7,8,9,13,20,21,24,25,28,36,44,46 Prob: 2	C25	Rev: 3,5,6,10,18,19,20,21 Ex: 2,6,7,11,13,20,21,22,26 Prob: 1,3,4
C15	Rev: 1,2,7,8,9,13,15,16,17,19,20,22 Ex: 4,5,6,9,11,17,18,21,25,31,34 Prob: 2,3,6,7,9	C26	Rev: 1,2,3,7,8,9,10,11,12,13,14,15 Ex: 4,5,7,8,10,12,13,14 Prob: 1,3,4,5,7
C16	Rev: 1,3,4,6,7,8,16 Ex: 4,7,12,13 Prob: 3	C11	Rev: 17,20,21 Ex: Prob:
C14	Rev: 16,17,18 Ex: Prob: 1,2	C30	Rev: 1,4,5,6,7,8,13,14,16,17,19 Ex: 3,5,9,15,17,36,39,42,43 Prob: 1
		C31	Rev: 2,5,7,8,10 Ex: 3,4,6,24 Prob: 1

Revised for Summer 2005

May

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	2 Finals	3 Finals	4 Finals	5 Finals Dean's Grad Banquet	6 Finals	7
8 Graduation	9	10 Grades Due 8:00 am	11	12	13	14
15	16 C1 Classes Begin	17 C2	18 C3	19 T1 (1,2,3)	20	21
22	23 C10,4	24 C4,5	25 W w/o Rec C8	26 C7	27	28
29	30 No Classes	31 T2 (10,4,5,6,7) C15				

June

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
			1 C18	2 C14	3	4
5	6 T3 (15,16,14) C17	7 C18	8 T4(17,18) C19	9 C19	10	11
12	13 C20	14 T5 (19,20) C22	15 Ww/Rec23	16 C24	17	18
19	20 C25	21 C28,11	22 Makeups C30,31	23 Last Day C31	24 Exams T8 - 8:00 - 9:50	25 Exams
26	27	28 Grades Due	29	30		