

weeks in advance. Affected quizzes or tests will be given prior to the rest of the class. No other make-up quizzes or tests will be granted.

Student Learning Outcomes: This is a calculus based course which will include some basic integration, differentiation, and discussion of the use of differential equations. Students will learn about the following topics: the concept of an electromagnetic (EM) field; understand the concepts of charge and current; know the concept of electrostatic potential and why it is useful; build an electric circuit and predict its behavior; understand the duality of light.

Relevant SMU Policies:

Disability Accommodations: Students needing academic accommodations for a disability must first register with Disability Accommodations & Success Strategies (DASS). Students can call 214-768-1470 or visit <http://www.smu.edu/Provost/ALEC/DASS> to begin the process. Once registered, students should then schedule an appointment with the professor as early in the semester as possible, present a DASS Accommodation Letter, and make appropriate arrangements. Please note that accommodations are not retroactive and require advance notice to implement.

Religious Observance: Religiously observant students wishing to be absent on holidays that require missing class should notify their professors in writing at the beginning of the semester, and should discuss with them, in advance, acceptable ways of making up any work missed because of the absence. (See University Policy No. 1.9.)

Excused Absences for University Extracurricular Activities: Students participating in an officially sanctioned, scheduled University extracurricular activity should be given the opportunity to make up class assignments or other graded assignments missed as a result of their participation. It is the responsibility of the student to make arrangements with the instructor prior to any missed scheduled examination or other missed assignment for making up the work. (University Undergraduate Catalogue)

Final Exams: Final course examinations shall be given in all courses where they are appropriate, and some form of final assessment is essential. Final exams or final assessments must be administered as specified in the official examination schedule, and shall not be administered during the last week of classes or during the Reading Period. Please state clearly in the syllabus the date/time and form of the final exam or assessment.

PHYSICS 1308 SCHEDULE, SPRING 2017

Date	Reading, Tests	Homework Problems Due:
Aug 22 T	Ch 21.1	
Aug 24 Th	Ch 21.2-21.3	
Aug 29 T	Ch 22.1-22.3	Ch 21: 3,6,10,26,40
Aug 31 Th	Ch 22.4-22.5	
Sep 5 T	Ch 22.6-22.7; Ch 23.1	
Sep 7 Th	Ch 23.2-23.3,23.5	Ch 22: 4,16,23,36,50,56
Sep 12 T	Exam 1	Ch 23: 3-5,15,18,36,42
Sep 14 Th	Ch 24.1-24.2	
Sep 19 T	Ch 24.3-24.4,24.7	
Sep 21 Th	Ch 25.1-25.3	Ch 24: 2,3,7,12,19,22,60
Sep 26 T	Ch 25.4	
Sep 28 Th	Ch 26.1-26.3	Ch 25: 2,6,12,16,22,33,34
Oct 3 T	Ch 26.4-26.5	
Oct 5 Th	midterm exam	Ch 26: 2,12,23,32,37,42,49
Oct 9-10	Fall break	
Oct 12 Th	Ch 27.1	
Oct 17 T	Ch 27.2,27.4	
Oct 19 Th	Ch 28.1-28.4	Ch 27: 5,10,26,28,29,42,68
Oct 24 T	Ch 28.6-28.8	
Oct 26 Th	Ch 29.1-29.2	Ch 28: 3,7,10,14,25,44,46,53,63
Oct 31 T	Ch 29.3-29.5	
Nov 2 Th	Exam 3	Ch 29: 1,27,31,46,48,53,63
Nov 7 T	Ch 30.1-30.2,	
Nov 9 Th	Ch 30.4-30.5,30.7-30.9	
Nov 14 T	Ch 32.1-32.4, Ch 33.1	Ch 30: 2,6,12,27,35,42,49,64,71,76
Nov 16 Th	Ch 33.2-33.3	Ch 32: 2,6,13,14,31
Nov 21 T	Ch 33.5-33.6	
Nov 23 Th	Thanksgiving	
Nov 28 T	Ch 34.1-34.2	Ch 33: 6,12,15,26,49,50,52,60,65
Nov 30 Th	Ch 34.3-34.5	
Dec 4 M	—	Ch 34: 3,4,8,39,42,48,89-92
Dec 8 F	Final Exam	8:00am-11:00am

Addendum to Syllabus for *Electricity and Magnetism*:
(drafted by Physics Dept.)

The WileyPLUS learning system is the primary automated way in which you will access the course textbook and provide answers to homework problems. It is your responsibility to become familiar with this system. Failure to do so will create artificial roadblocks to your learning process.

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1. The complete textbook for all semesters, including video demonstrations of concepts and examples of how to solve physics problems. In addition, you can print (either to paper or to a format like PDF) whole sections and chapters from the book and carry them around with you (eg. in a folder or binder, or on a mobile device)
2. An extensive catalog of study problems to augment those assigned for homework.
3. A built-in student help system for when you have any technical problems, allowing you to speak to a Wiley system expert if there are issues with account access, problems with written or video material, etc.

Please note that if your problems are not easily resolved by the Wiley staff via their system help options, you should then report the problem to the instructor and they will help contact the SMU institutional Wiley representative. They have supervisory authority and can solve even the most difficult problems with the system. Their whole job is to make our learning experience easier, but we must use them wisely and you must always seek help through the normal WileyPLUS student help system first beforehand.