

Chapter Sections	Subject Matter	Approximate	
		# of Lectures	Dates
	Introduction	1	1/17
1.1-1.4	Doing Physics	1	1/18
2.1-2.5	Motion in a Straight Line	2	1/23- 1/25
3.1-3.6	Motion in Two and Three Dimensions	4	1/28- 2/4
4.1-4.6	Force and Motion	3	2/6- 2/11
5.1-5.5	Using Newton's Laws	3	2/13- 2/18
EXAM I: TUESDAY, February 19, 7-9 PM (Location TBA)			
6.1-6.4	Work, Energy, and Power	3	2/20 – 2/25
7.1-7.4	Conservation of Energy	3	2/27 – 3/4
9.1-9.6	Systems of Particles	5	3/6 - 3/22
EXAM II: TUESDAY, April 2, 7-9 PM (Location TBA)			
10.1-10.5	Rotational Motion	4	3/25 – 4/3
11.1-11.5	Rotational Vectors and Angular Momentum	3	4/5 – 4/10
13.1-13.7	Oscillatory Motion	4	4/12 – 4/19
14.1-14.8	Wave Motion	6	4/22 – 5/3
COMPREHENSIVE FINAL EXAM: TUESDAY, May 7, 8-10 AM (Location TBA)			

<u>Instructors</u>	<u>Office</u>	<u>Phone</u>	<u>E-mail</u>
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Homework will be assigned, answered, and graded using Mastering Physics (Sections 2-5) or Sapling Learning (Section 1), which are web-based systems; an access card comes with textbook purchases from the TTU bookstore or can be purchased separately online. Log-in at www.masteringphysics.com or www.saplinglearning.com. Necessary information for your class section will be provided separately. There are some issues to consider when using a web-based service. First, connections to the web can be erratic. Inability to connect will not be an excuse for not getting an assignment done on time. Second, the web site only asks for an answer, not a full solution; on quizzes and exams this will not be acceptable. Third, the web site may sometimes accept a number (without units) to its numerical problems; this can be acceptable if a question requests its answer in a certain set of units. However, on quizzes and exams, we will typically only ask for a given variable and you will be required to include appropriate units with your answer (as well as throughout your solution). Fourth, web systems are often much too lenient in dealing with significant figures. Again, we expect you to do things correctly on quizzes and exams. If any of these issues are unclear or if you have problems in signing up or accessing your assignments, please contact your instructor **immediately**.

There will be at least four classroom quizzes, with the lowest quiz grade being dropped. **Makeup quizzes will not be given without prior approval of the instructor.**

A sheet of fundamental equations will be provided for you to use on major exams; these will be available for viewing in advance of the exam.

Grade Weightings: Homework 15%; Quizzes 15%; Exam I 20%; Exam II 20%; Final 30%

Grade Scale: 100-80 A; 79-65 B; 64-50 C; 49-35 D; 34-0 F

As part of the physics department's research into student learning, you will be asked to take physics content diagnostic tests at the beginning, perhaps in the middle, and at the end of the semester as part of your regular course requirements. Your scores on these diagnostic tests will be confidential and will not count toward your course grade. You are expected to do your best on each diagnostic test as you would on any other test. The results of these diagnostic instruments will help the department evaluate learning in the course, evaluate new teaching strategies, understand better how students learn, and evaluate new diagnostic instruments. Based on your responses on these instruments, you may be asked to participate, voluntarily, in further studies.

All students are invited to seek assistance from any Physics faculty member who is available at the time. Any scheduled help sessions are open to all students and will be announced on the Physics bulletin boards outside BR218.

Students with a disability requiring accommodations should contact the Office of Disability Services (ODS). An Accommodation Form (AF) should be completed as soon as possible, preferably by the end of the first week of the course (January 23). The ODS is located in the Roaden University Center, Room 112; phone 372-6119.

NOTE: Physics 2111 lab classes will start the week of January 28.