

PHYS 1425 Section 2 Calendar

This is a draft, subject to change in both course material and scheduling (e.g. inclement weather days)

At a glance:
 midterm exams on Monday 2/19 and Friday 3/29
 last day to add a course Wednesday January 31, 2024
 last day to drop a course without a W: Feb. 1 (A&S)
 last day to drop a course with a W: March 13
 Spring break March 2-10
 last lecture: Monday Apr 29, 2023 (last day of Spring 2023 is Tuesday April 30) (total 41 class sessions)
 final exam: Friday, May 10, 2 pm-5 pm

Week of Learning	Textbook Sections (in Giancoli)	Topics and Reading Assignments	Date	Day	HW due (MP/GS)	In-Class Activities (tentative)
(Week 0)		Prepare for Semester Start, course overview				
Week 1 (4 lectures)	1.1-1.7, 2.1-2.7	Math preliminaries, one dimensional motion, motion of constant acceleration, free fall motion	01/17/24	Wednesday	Intro to MP (9pm)	Practice Quiz
			01/19/24	Friday	PhyS Prim 1 (midnight)	
			01/22/24	Monday	Reading Quiz 1	
Week 2 (4 lectures)	(3.1-3.5) 3.6-3.9, 4.1-4.7	Vector Analysis; Two dimensional motion, Newton's laws, weight, normal force, multi-object problem, inclined plane	01/24/24	Wednesday	Chap Sum 1 (2am)	Quiz 1
			01/26/24	Friday	HW1 (2am)	FBD
			01/29/24	Monday	Reading Quiz 2 (2am)	
Week 3	4.7-4.8, 5.1-5.3, 5.6	Problem solving with Newton's laws: Atwood machine, Friction, Circular motion, Drag force	01/31/24	Wednesday	Chap Sum 2 (2am)	Quiz 2
			02/02/24	Friday	HW2 (2am)	
			02/05/24	Monday	Reading Quiz 3 (2am)	
Week 4	6.1-6.5, 7.1-7.4; 8.1-8.3	Gravitation, Kinetic energy, work-energy theorem, conservation of mechanical energy (concept only)	02/07/24	Wednesday	Chap Sum 3 (2am)	Quiz 3
			02/09/24	Friday	HW3 (2am)	Work
			02/12/24	Monday	Reading Quiz 4 (2am)	
Week 5	8.4-8.8, 9.1-9.5	Problem solving with conservation of energy; Linear momentum, Elastic Collision	02/14/24	Wednesday	Chap Sum 4 (2am)	Quiz 4
			02/16/24	Friday	HW4 (2am)	
Midterm 1 (in-class: Chapters 1-6)			02/19/24	Monday		Midterm 1
Week 5 (cont)	see above	see above	02/21/24	Wednesday	Reading Quiz 5 (2am)	
			02/23/24	Friday	Chap Sum 5 (2am)	
Week 6	9.6-9.9, 10.1-10.4	Inelastic Collision, Angular Motion, Torque	02/26/24	Monday	HW5 (2am)	Quiz 5
			02/28/24	Wednesday	Reading Quiz 6 (2am)	
			03/01/24	Friday	Chap Sum 6 (2am)	
Spring Break						
Week 7	10.5-10.9, 11.1-11.6	Rotational dynamics, Moment of Inertia, Angular Momentum	03/11/24	Monday	HW6 (2am)	Quiz 6
			03/13/24	Wednesday	Reading Quiz 7 (2am)	
			03/15/24	Friday	Chap Sum 7 (2am)	
Week 8	12.1-12.5, 13.1-13.6	Static equilibrium, elasticity and fracture, Fluid statistics	03/18/24	Monday	HW7 (2am)	Quiz 7
			03/20/24	Wednesday	Reading Quiz 8(2am)	
			03/22/24	Friday	Chap Sum 8 (2am)	
Week 9	13.7-13.10, 14.1-14.5	Fluid dynamics, Oscillations	03/25/24	Monday	HW8 (2am)	Quiz 8
			03/27/24	Wednesday		
			03/29/24	Friday		Midterm 2
Midterm 2 (in-class: Chapters 7-12)						
Week 9 (cont)	see above	see above	04/01/24	Monday	Reading Quiz 9 (2am)	
			04/03/24	Wednesday	Chap Sum 9 (2am)	
Week 10	15.1-15.4, 15.6-15.9; 16.1-16.4, 16.6-16.7	Waves and Sound	04/05/24	Friday	HW9 (2am)	Quiz 9
			04/08/24	Monday	Reading Quiz 10 (2am)	
			04/10/24	Wednesday	ChapSum10 (2am)	
Week 11	17.1-17.4, 17.6-17.9; 18.1-18.4	Temperature, Thermal Expansion, Ideal Gas Law, Kinetic Theory of Gases	04/12/24	Friday	HW10 (2am)	Quiz 10
			04/15/24	Monday	Reading Quiz 11 (2am)	
			04/17/24	Wednesday	ChapSum11 (2am)	
Week 12	19.1-19.7, 19.10; 20.1-20.4, 20.5-20.7, 20.9	Heat, First and Second Laws of Thermodynamics	04/19/24	Friday	HW11 (2am)	Quiz 11
			04/22/24	Monday	Reading Quiz 12 (2am)	
			04/24/24	Wednesday	ChapSum12 (2am)	
			04/26/24	Friday	HW12 (2am)	Quiz 12
Last Day		Wrap up (last day of class)	04/29/24	Monday		Review
Final Exam (Comprehensive: Chapters 1-20)			05/10/24	Friday	2 pm - 5 pm	