PHYS1425 Fall 2021 Calendar

dated 08/24/2021

At a glance:							
midterm exams on Tuesday September 28th and Thursday November 4th.							
last day to add or drop a course Tuesday September 7th (A&S, SEAS)							
reading day: Tuesday October 12 th							
last day to drop a course without W: Wed September 8th (A&S), Thursday October 14th (SEAS)							
last day to drop a course with W: Tuesday October 26 th (A&S, SEAS)							
last lecture: Tuesday December 7 th							
final exam: Tuesday December 14 th , 2-5pm							
Week of Learning	Reference Sections (in Giancoli)	Topics	Date	Day	Optional Practice	HW due (MP/GS)	In-Class Activities
(Week 0)	(3.1-3.5)	Prepare for Semester Start, course overview				survey	N/A
Week 1	1.1-1.7, 2.1- 2.7	Math preliminaries, one dimensional motion, motion of constant acceleration, free fall motion	08/24/21	Tuesday		Intro to MP	Practice Quiz
			08/26/21	Thursday	Phys Primer P1	Chapter Summary 1	HW1 Discussions
Week 2	(3.1-3.5) 3.6- 3.9, 4.1-4.7	Two dimensional motion, Newton's laws, weight, normal force, multi-object problem, inclined plane	08/31/21	Tuesday		HW1	Quiz 1
			09/02/21	Thursday	Phys Primer P2	Chapter Summary 2	HW2 Discussions
Week 3	4.7-4.8, 5.1- 5.4	Problem solving with Newton's laws: Inclined Plane, Atwood machine, Friction, Circular motion, Drag force	09/07/21	Tuesday	Vector	HW2 Chapter	Quiz 2 HW3
			09/09/21	Thursday	Practice	Summary 3	Discussions
Week 4	6.1-6.5, 7.1- 7.4; 8.1-8.3	Gravitation, Kinetic energy, work-energy theorem, conservation of energy	09/14/21	Tuesday		HW3	Quiz 3
			09/16/21	Thursday		Chapter Summary 4	HW4 Discussions
Week 5	8.4-8.8, 9.1- 9.5	Problem solving with conservation of energy; Linear momentum, Elastic Collision	09/21/21	Tuesday		HW4 MT1 Study	Quiz 4 Study Guide
Week J			09/23/21	Thursday		Guide	Review
		Midterm 1 (in-class, covering HW 1-4)	09/28/21	Tuesday		None	Midterm 1
		Midterm 1 analysis, continue to week 5 in-class activities	09/30/21	Thursday		Chapter Summary 5	HW5 Discussions
Week 6	9.6-9.9, 10.1-10.4	Inelastic Collision, Angular Motion, Torque	10/05/21	Tuesday		HW5	Quiz 5
			10/07/21	Thursday		Chapter Summary 6	HW6 Discussions
		Reading day, no lecture	10/12/21	Tuesday		1.0.40	
Week 7	10.5-10.9, 11.1-11.6	Rotational dynamics, Moment of Inertia, Angular Momentum	10/14/21	Thursday		HW6 Chapter	Quiz 6 HW7
			10/19/21	Tuesday		Summary 6	Discussions
Week 8	12.1-12.5, 13.1-13.6	Static equilibrium, elasticity and fracture, Fluid statistics	10/21/21	Thursday		HW7 Chapter	Quiz 7 HW8
			10/26/21	Tuesday		Summary 8	Discussions
Week 9	13.7-13.10, 14.1-14.5	Fluid dynamics, Oscillations	10/28/21	Thursday		HW8	Quiz 8
			11/02/21	Tuesday		MT2 Study Guide	Study Guide Review
		Midterm 2 (in-class, covering HW 5-8)	11/04/21	Thursday		None	Midterm 2
		Midterm2 analysis, catch up		Tuesday		Chapter Summary 9	HW9 Discussions
Week 10	Chap. 15+16	Wave and Sound	11/11/21	Thursday		HW9	Quiz 9
			11/16/21	Tuesday		Chapter Summary 10	HW10 Discussions
Week 11	Chap.17+18	Temperature, Thermal Expansion, Ideal Gas Law, Kinetic Theory of Gases	11/18/21	Thursday		HW10	Quiz 10
Week 11			11/23/21	Tuesday		Chapter Summary 11	HW11 Discussions
		Thanksgiving recess, no lecture	11/25/21	Thursday			
Week 12	Chap. 19+20	Heat, First and Second Laws of Thermodynamics	11/30/21	Tuesday		HW11	Quiz 11
			12/02/21	Thursday		Chapter	HW12 Discussions
		Wrap up (last day of class)	12/02/21	Tuesday		Summary 12 HW12	Discussions Quiz 12 or ?
		איזמא שף (ומסג עמץ טו כומסס)	12/07/21	ruesuay		110/12	
		2-5pm Final Exam	12/14/21	Tuesday			
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