

PHYSICS 11 –Schedule for Spring 2024 (12-31-23)

Note: reading 2.s is the chapter summary for chapter 2

DATE	TOPIC	READING
M Jan 22 (L1)	Position, velocity, acceleration	2.0 to 2.3
Tu Jan 23 (R1)	Vectors, components, sample problems	1.0 to 1.6
W Jan 24 (L2)	Constant acceleration	2.4 to 2.s
Th Jan 25 (R2)	Return HW1, sample problems	1.7 to 1.9
M Jan 29 (L3)	Motion in 2D and 3D	3.0 to 3.3
Tu Jan 30 (R3)	Return HW2	
W Jan 31 (L4)	Kinematics Wrap-up	3.4 to 3.s
Th Feb 1 (R4)	Return HW3	
M Feb 5 (L5)	Newton's Laws, force diagrams	4.0 to 4.s
Tu Feb 6 (R5)	Return HW4, Quiz 1 (on HW 1-3)	
W Feb 7 (L6)	More Newton's Laws	5.0 to 5.3
Th Feb 8 (R6)	Return HW5	
M Feb 12 (L7)	Paths, (centripetal acceleration)	5.4 to 5.s
Tu Feb 13 (R7)	Return HW6, dot product	1.10 to 1.s
W Feb 14 (L8)	Work and kinetic energy	1.10, 6.1to 6.s
Th Feb 15 (R8)	Return HW7, Quiz 2 (on HW 4-6)	
M Feb 19 (L9)	Potential energy and mechanical energy	7.0 to 7.3
Tu Feb 20 (R9)	Return HW8,	
W Feb 21 (L10)	Conservation of energy	7.3 to 7.s
Th Feb 22 (R10)	Return HW 9	
M Feb 26 (L11)	Impulse and momentum	8.0 to 8.3
Tu Feb 27 (R11)	Recitation exam review	
W Feb 28 (L12)	Hour exam 1	
Th Feb 29 (R12)	Return HW10 (on consv of energy)	
M Mar 4 (L13)	Center of mass, systems, collisions	8.4 to 8.s
Tu Mar 5 (R13)	Return HW12, Quiz 3 (on HW 8-10)	
W Mar 6 (L14)	Rotation, rotational kinetic energy	9.0 to 9.s
Th Mar 7 (R14)	Return HW13,	

DATE	TOPIC	READING
M Mar 18 (L15)	Torque, angular momentum	10.0 to 10.5
Tu Mar 19 (R15)	Return HW14, cross product	1.10 to 1.s
W Mar 20 (L16)	Angular momentum conservation	10.5 to 10.s
Th Mar 21 (R16)	Return HW15	
M Mar 25 (L17)	Statics	11.0 to 11.s
Tu Mar 26 (R17)	Return HW16	
W Mar 27 (L18)	Gravitation and Astronomy	13.0 to 13.s
Th Mar 28 (R18)	Return HW17, Quiz 4 (HW 12-16)	
M Apr 1 (L19)	Oscillations (submit HW 18 on gravity)	14.0 to 14.s
Tu Apr 2 (R19)	Return HW 18 (gravity)	
W Apr 3 (L20)	Temperature, expansion	12.0-12.2, 17.0-17.4
Th Apr 4 (R20)	Return HW 19 (oscillations)	
M Apr 8 (L21)	In class review for exam	
Tu Apr 9 (R21)	Recitation review for exam	
W Apr 10 (L22)	Hour exam 2	
Th Apr 11 (R22)	Examples: thermal expansion, calorimetry	
M Apr 15 (L23)	Heat capacity & transfer	17.5 to 17.s
Tu Apr 16 (R23)	Review HW22	
W Apr 17 (L24)	Molecular properties	18.0 to 18.s
Th Apr 18 (R24)	Return HW23, Quiz 5 (HW 17-19)	
M Apr 22 (L25)	Processes	19.0 - 19.7
Tu Apr 23 (R25)	Return HW24	
W Apr 24 (L26)	Heat Engines	19.8 – 20.3
Th Apr 25 (R26)	Return HW25, Quiz 6 (HW 22-24)	
M Apr 29 (L27)	Second Law, Carnot	20.4 – 20.6
Tu Apr 30 (R27)	Return HW26	
W May 1 (L28)	Entropy	20.8 – 20.s
Th May 2 (R28)	Return HW27	
S May 4	RCS review session	
M May 6	RCS review session	
May 7 - May 15	Final Exam Scheduled by Registrar	