

PHYSICS 11 –Schedule for Spring 2017 (01-15-17)

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

DATE	TOPIC	READING
M Jan 23 (L1)	Rates: Position, velocity, acceleration	2.0 to 2.3
Tu Jan 24 (R1)	Vectors, components, sample problems	1.0 to 1.6
W Jan 25 (L2)	Constant acceleration	2.4 to 2.s
Th Jan 26 (R2)	Return HW1, sample problems	1.7 to 1.9
M Jan 30 (L3)	Motion in 2D and 3D	3.0 to 3.3
Tu Jan 31 (R3)	Return HW2	
W Feb 1 (L4)	Kinematics Wrap-up	3.4 to 3.s
Th Feb 2 (R4)	Return HW3	
M Feb 6 (L5)	Newton's Laws, force diagrams	4.0 to 4.s
Tu Feb 7 (R5)	Return HW4, Quiz 1 (on HW 1-3)	
W Feb 8 (L6)	More Newton's Laws	5.0 to 5.3
Th Feb 9 (R6)	Return HW5	
M Feb 13 (L7)	Paths, (centripetal acceleration)	5.4 to 5.s
Tu Feb 14 (R7)	Return HW6, dot product	1.10 to 1.s
W Feb 15 (L8)	Newton Wrap-up, Work and dot product	1.10 & 6.1
Th Feb 16 (R8)	Return HW7, Quiz 2 (on HW 4-6)	
M Feb 20 (L9)	Work and kinetic energy	6.0 to 6.s
Tu Feb 21 (R9)	Return HW8, review	
W Feb 22 (L10)	Hour exam 1 @ 4pm	review
Th Feb 23 (R10)	Return HW 9,	
M Feb 27 (L11)	Potential Energy	7.0 to 7.3
Tu Feb 28 (R11)	return HW10	
W Mar 1 (L12)	Energy wrap-up	7.4 to 7.s
Th Mar 2 (R12)	Return HW11	
M Mar 6 (L13)	CM motion, momentum	8.0 to 8.3
Tu Mar 7 (R13)	Return HW12, Quiz 3 (on HW 8-11)	
W Mar 8 (L14)	Systems, collisions	8.4 to 8.s
Th Mar 9 (R14)	Return HW13,	
Mar 13-17	SPRING BREAK	

DATE	TOPIC	READING
M Mar 20 (L15)	Rotation, energy	9.0 to 9.s
Tu Mar 21 (R15)	Return HW14, cross product	1.10 to 1.s
W Mar 22 (L16)	Torque, angular momentum	10.0 to 10.5
Th Mar 23 (R16)	Return HW15	
M Mar 27 (L17)	Angular momentum conservation	10.5 to 10.s
Tu Mar 28 (R17)	Return HW16	
W Mar 29 (L18)	Statics	11.0 to 11.s
Th Mar 30 (R18)	Return HW17, Quiz 4 (HW 12-16)	
M Apr 3 (L19)	Gravitation and Astronomy	13.0 to 13.s
Tu Apr 4 (R19)	Return HW 18, review	
W Apr 5 (L20)	Hour exam 2 @ 4pm	review
Th Apr 6 (R20)	Return HW19	
M Apr 10 (L21)	Oscillations	14.0 to 14.s
Tu Apr 11 (R21)	Return HW20	
W Apr 12 (L22)	Temperature, expansion	12.0-12.2, 17.0-17.4
Th Apr 13 (R22)	Return HW21	
M Apr 17 (L23)	Heat capacity & transfer	17.5 to 17.s
Tu Apr 18 (R23)	Return HW22, Quiz 5 (HW 17-20)	
W Apr 19 (L24)	Molecular properties	18.0 to 18.s
Th Apr 20 (R24)	Return HW23	
M Apr 24 (L25)	Processes	19.0 - 19.7
Tu Apr 25 (R25)	Return HW24	
W Apr 26 (L26)	Heat Engines	19.8 – 20.3
Th Apr 27 (R26)	Return HW25, Quiz 6 (HW 21-24)	
M May 1 (L27)	Second Law, Carnot	20.4 – 20.6
Tu May 2 (R27)	Return HW26	
W May 3 (L28)	Entropy	20.8 – 20.s
Th May 4 (R28)	Return HW27	
May 6 (R29)	RCS review session for recitation	
May 7 (L29)	RCS review session for lecture	
May 9 - May 17	Final Exam Scheduled by Registrar	