PHYSICS 11 – Tentative Schedule for Fall 2016

DATE	TOPIC	Corresponding READING
M Aug 29 (L1)	Rates: position, velocity, acceleration	2.0 to 2.3
Tu Aug 30 (R1)	Units, dimensions	1.0 to 1.6
W Aug 31 (L2)	Constant acceleration	2.4 to 2.s
Th Sep 1 (R2)	Vectors, hand back HW1	1.7 to 1.9
M Sep 5 (L3)	Motion in 2D and 3D	3.0 to 3.3
Tu Sep 6 (R3)	Hand back HW2	
W Sep 7 (L4)	Kinematics wrap-up, intro to Newton's Laws	3.4 to 3.s
Th Sep 8 (R4)	Hand back HW3	
M Sep 12 (L5)	Newton's Laws, force diagrams	4.0 to 4.s
Tu Sep 13 (R5)	Quiz 1 (on HW 1-3), hand back HW4	
W Sep 14 (L6)	More Newton's Laws	5.0 to 5.3
Th Sep 15 (R6)	Hand back HW5	
M Sep 19 (L7)	Paths, (centripetal acceleration)	5.4 to 5.s
Tu Sep 20 (R7)	Dot product, hand back HW6	1.10 to 1.s
W Sep 21 (L8)	Newton wrap-up, work and dot product	1.10 & 6.1
Th Sep 22 (R8)	Quiz 2 (on HW 4-6), hand back HW 7	
M Sep 26 (L9)	Work and kinetic energy	6.0 to 6.s
T Sep 27 (R9)	Hand back HW8	
W Sep 28 (L10)	Review	review
Th Sep 29 (R10)	Review, **Midterm 1 @ 4:10 pm**	
M Oct 3 (L11)	Potential energy	7.0 to 7.3
T Oct 4 (R11)	Quiz 3 (on HW 7-8), hand back HW9	
W Oct 5 (L12)	Energy wrap-up	7.4 to 7.s
Th Oct 6 (R12)	Hand back HW10	
M Oct 10 (L13)	CM motion, momentum	8.0 to 8.3
Tu Oct 11 (R13)	Quiz 4 (on HW 9-10), return Mid 1 & HW11	
W Oct 12 (L14)	Systems, collisions	8.4 to 8.s
Th Oct 13 (R14)	Hand back HW12	
M, T Oct 17-18	NO CLASS (Pacing Break)	a novel
W Oct 19 (L15)	Rotation, energy	9.0 to 9.s
Th Oct 20 (R15)	Cross product, hand back HW13	1.10 to 1.s

DATE	TOPIC	Corresponding READING
M Oct 24 (L16)	Torque, angular momentum	10.0 to 10.5
Tu Oct 25 (R16)	Quiz 5 (HW 11-13), hand back HW14	
W Oct 26 (L17)	Angular momentum conservation	10.5 to 10.s
Th Oct 27 (R17)	Hand back HW15	
M Oct 31 (L18)	Statics	11.0 to 11.s
Tu Nov 1 (R18)	Quiz 6 (HW 14-15), hand back HW 16	
W Nov 2 (L19)	Review	review
Th Nov 3 (R19)	Review, **Midterm 2 @ 4:10 pm**	review
M Nov 7 (L20)	Gravitation and astronomy	13.0 to 13.s
Tu Nov 8 (R20)	Hand back HW17	
W Nov 9 (L21)	Oscillations	14.0 to 14.s
Th Nov 10 (R21)	Hand back Mid 2 & HW18	
M Nov 14 (L22)	Temperature, expansion	12.0-12.2, 17.0-17.4
Tu Nov 15 (R22)	Quiz 7 (HW 16-18), return HW19	
W Nov 16 (L23)	Heat capacity & transfer	17.5 to 17.s
Th Nov 17 (R23)	Hand back HW20	
M Nov 21 (L24)	Molecular properties	18.0 to 18.s
Tu Nov 22 (R24)	Hand back HW21	
W-F Nov 23-25	NO CLASS (Thanksgiving vacation)	a novel
M Nov 28 (L25)	Processes	19.0 - 19.7
Tu Nov 29 (R25)	Quiz 8 (HW 19-21), hand back HW22	
W Nov 30 (L26)	Heat Engines	19.8 – 20.3
Th Dec 1 (R26)	Hand back HW23	
M Dec 5 (L27)	Second Law, Carnot	20.4 – 20.6
Tu Dec 6 (R27)	Hand back HW24	
W Dec 7 (L28)	Entropy	20.8 – 20.s
Th Dec 8 (R28)	Hand back HW25	
Sat Dec 10 (R29)	RCS review session for recitation	
M Dec 12 (L29)	RCS review session for lecture	
Dec 13-21	Final Exam Scheduled by Registrar. All MasteringPhysics access ends at start time for final exam!	