

Physics 20

2014/2015 Semester 1 (general calendar)

Monday	Tuesday	Wednesday	Thursday	Friday
September 1 Labour Day No classes	2 Introduction Lesson 1 – Average speed	3 Hand-in Lesson 1 Lesson 2 – Displacement	4 NSS camp	5 NSS camp
8 Hand-in Lesson 2 Lesson 3 – Velocity – Graphical analysis ⇒ Optional lecture	9 Hand-in Lesson 3 Lesson 4 – Graphing activities ⇒ Constant velocity	10 Hand-in L04 Constant Velocity Lesson 4 – Graphing activities ⇒ Accelerated motion	11 Hand-in L04 Quiz ⇒ Lessons 1 to 4	12 Lesson 5 – Accelerated motion: Graphical ⇒ Optional lecture
15 Work period	16 Hand-in Lesson 5 Lesson 6 – Graphing activities ⇒ Up-Down activity	17 Work period	18 Lesson 6 – Graphing activities ⇒ phet activity	19 Non-Instruction day
22 Hand-in Up-Down activity and phet activity Quiz ⇒ Lessons 5 to 6	23 Lesson 7 – Accelerated Motion	24 Hand-in Lesson 7 Lesson 8 – Acceleration, Displacement I ⇒ Optional lecture	25 Work period	26 Hand-in Lesson 8 Lesson 9 – Acceleration, Displacement II ⇒ Optional lecture
29 Work period	30 Hand-in Lesson 9 Quiz ⇒ Lessons 7 to 9	October 1 Lessons 1 to 9 review	2 Doomsday Test ⇒ Lessons 1 to 9	3 Lesson 10 – Kinematics in 2 Dimensions
6 Mark Lesson 10 Lesson 11 – Complex 2 Dim. Vectors	7 Work period	8 Mark Lesson 11 Quiz ⇒ Lessons 10 to 11	9 Lesson 12 – Relative Motion ⇒ Optional lecture	10 Work period
13 Thanksgiving day	14 Hand-in Lesson 12 Lesson 13 – Projectiles ⇒ Optional lecture	15 Work period	16 Mark Lesson 13 Quiz ⇒ Lesson 12 and 13	17 Review 1 to 13

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20 Doomsday test ⇒ Lessons 1 to 13	21 Lesson 14 – Dynamics Conceptual Change ⇒ Optional lecture	22 Mark Lesson 14 Lesson 15 – Dynamics problem solving	23 Work period	24 Mark Lesson 15 Lesson 16 – Mass Weight Friction ⇒ Optional lecture
27 Lesson 16 activity	28 Mark Lesson 16 Lesson 17 – Vertical forces, inclines ⇒ Optional lecture	29 Hand-in Lesson 16 activity Quiz ⇒ Lessons 14 to 16	30 Work period	31 Non-Instruction day
November 3 Mark Lesson 17 Lesson 18 – Pulleys, systems ⇒ Optional lecture	4 Work period	5 Mark Lesson 18 Quiz ⇒ Lessons 17 to 18	6 No Classes Parent-Teacher Interviews 11:00 to 7:00	7 Lessons 1 to 18 review
10 Non-Instruction day	11 Remembrance day	12 Doomsday test ⇒ Lessons 1 to 18	13 Lesson 19 – Uniform circular motion ⇒ Optional lecture	14 Work period
17 Mark Lesson 19 Lesson 20 – Vertical UCM ⇒ Optional lecture	18 Mark Lesson 20 Quiz ⇒ Lessons 19 to 20	19 Lesson 21 – Universal Gravitation Lesson 22 –Gravitational field strength	20 Mark Lesson 21 and 22 Lesson 23 – Orbits & Satellites ⇒ Optional lecture	21 Non-Instruction day
24 Work period	25 Mark Lesson 23 Quiz ⇒ Lessons 21 to 23	26 Lessons 1 to 23 review	27 Doomsday test ⇒ Lessons 1 to 23	28 Lesson 24 – SHM pendulums
December 1 Hand in Lesson 24 Lesson 24 – SHM pendulum ⇒ activities	2 Hand-in Lesson 24 activity Lesson 25 – SHM springs	3 Hand in Lesson 25 Lesson 25 – SHM springs ⇒ activities	4 Hand-in Lesson 25 activity Quiz ⇒ Lessons 24 to 25	5 Non-Instruction day

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8 Lesson 26 – Work, Energy and Power	9 Work period	10 Hand in Lesson 26 Lesson 27 – Conservation of Energy ⇒ Optional lecture	11 Work period	12 Hand in Lesson 27 Lesson 27 activity
15 Hand-in Lesson 27 activity Lesson 28 – SHM forces & energy ⇒ Optional lecture	16 Work period	17 Hand-in Lesson 28 Quiz ⇒ Lessons 26 to 28	18 Review 1 to 28	19 Doomsday Test ⇒ Lessons 1 to 28
January 5 No classes	6 Lesson 29 – Waves in One Dimension ⇒ activity	7 Work period	8 Hand-in Lesson 29 Lesson 30 – Waves in Two Dimensions	9 Work period
12 Hand-in Lesson 30 Lesson 31 – Sound & Resonance ⇒ Optional cool demos	13 Hand-in Lesson 31 Lesson 32 – Doppler effect	14 Hand-in Lesson 32 Quiz ⇒ Lesson 29 to 32	15 Review 1 to 32	16 Doomsday Test ⇒ Lessons 1 to 32
19 Last day of classes	20	21	22	23
26	27	28 Deadline All work must be in and complete by 2:00 pm	29	30 Non-Instruction day