

Physics 20

2014/2015 Semester 2 (general calendar)

Monday	Tuesday	Wednesday	Thursday	Friday
February 2 Introduction Lesson 1 – Average speed	3 Hand-in Lesson 1 Lesson 2 – Displacement	4 Hand-in Lesson 2 Lesson 3 – Velocity – Graphical analysis ⇒ Optional lecture	5 Work period	6 Hand-in Lesson 3 Lesson 4 – Graphing activities ⇒ Constant velocity
9 Hand-in L04 Constant Velocity Lesson 4 – Graphing activities ⇒ Accelerated motion	10 Hand-in L04 Quiz ⇒ Lessons 1 to 4	11 Lesson 5 – Accelerated motion: Graphical ⇒ Optional lecture	12 Teacher's convention	13 Teacher's convention
16 Family day	17 Work period	18 Hand-in Lesson 5 Lesson 6 – Graphing activities ⇒ Up-Down activity	19 Work period	20 Lesson 6 – Graphing activities ⇒ phet activity
23 Work period	24 Hand-in Up-Down activity and phet activity Quiz ⇒ Lessons 5 to 6	25 Lesson 7 – Accelerated Motion	26 Hand-in Lesson 7 Lesson 8 – Acceleration, Displacement I ⇒ Optional lecture	27 Work period
March 2 Hand-in Lesson 8 Lesson 9 – Acceleration, Displacement II ⇒ Optional lecture	3 Work period	4 Hand-in Lesson 9 Quiz ⇒ Lessons 7 to 9	5 Lessons 1 to 9 review	6 Doomsday Test ⇒ Lessons 1 to 9
9 Lesson 10 – Kinematics in 2 Dimensions	10 Mark Lesson 10 Lesson 11 – Complex 2 Dim. Vectors	11 Work period	12 Mark Lesson 11 Quiz ⇒ Lessons 10 to 11	13 Lesson 12 – Relative Motion ⇒ Optional lecture

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16 Work period	17 Hand-in Lesson 12 Lesson 13 – Projectiles ⇒ Optional lecture	18 Work period	19 No Classes Parent-Teacher Interviews 11:00 to 7:00	20 Non-Instruction day
30 Classes resume Mark Lesson 13 Quiz ⇒ Lesson 12 and 13	31 Review 1 to 13	April 1 Doomsday test ⇒ Lessons 1 to 13	2 Lesson 14 – Dynamics Conceptual Change ⇒ Optional lecture	3 Good Friday
6 Non-Instruction day	7 Mark Lesson 14 Lesson 15 – Dynamics problem solving	8 Work period	9 Mark Lesson 15 Lesson 16 – Mass Weight Friction ⇒ Optional lecture	10 Lesson 16 activity
13 Mark Lesson 16 Lesson 17 – Vertical forces, inclines ⇒ Optional lecture	14 Hand-in Lesson 16 activity Quiz ⇒ Lessons 14 to 16	15 Work period	16 Mark Lesson 17 Lesson 18 – Pulleys, systems ⇒ Optional lecture	17 Work period
20 Mark Lesson 18 Quiz ⇒ Lessons 17 to 18	21 Lessons 1 to 18 review	22 Doomsday test ⇒ Lessons 1 to 18	23 Lesson 19 – Uniform circular motion ⇒ Optional lecture	24 Mark Lesson 19 Lesson 20 – Vertical UCM ⇒ Optional lecture
27 Work period	28 Mark Lesson 20 Quiz ⇒ Lessons 19 to 20	29 Lesson 21 – Universal Gravitation Lesson 22 –Gravitational field strength	30 Mark Lesson 21 and 22 Lesson 23 – Orbits & Satellites ⇒ Optional lecture	May 1 Work period
4 Mark Lesson 23 Quiz ⇒ Lessons 21 to 23	5 Lessons 1 to 23 review	6 Personal Planning Day No Classes	7 Doomsday test ⇒ Lessons 1 to 23	8 Lesson 24 – SHM pendulums

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11 Hand in Lesson 24 Lesson 24 – SHM pendulum ⇒ activities	12 Hand-in Lesson 24 activity Lesson 25 – SHM springs	13 Hand in Lesson 25 Lesson 25 – SHM springs ⇒ activities	14 Hand-in Lesson 25 activity Quiz ⇒ Lessons 24 to 25	15 Non-Instruction day
18 Victoria day	19 Lesson 26 – Work, Energy and Power	20 Work period	21 Hand in Lesson 26 Lesson 27 – Conservation of Energy ⇒ Optional lecture	22 Work period
25 Hand in Lesson 27 Lesson 27 activity	26 Hand-in Lesson 27 activity Lesson 28 – SHM forces & energy ⇒ Optional lecture	27 Work period	28 Hand-in Lesson 28 Quiz ⇒ Lessons 26 to 28	29 Review 1 to 28
June 1 Doomsday Test ⇒ Lessons 1 to 28	2 Lesson 29 – Waves in One Dimension ⇒ activity	3 Work period	4 Hand-in Lesson 29 Lesson 30 – Waves in Two Dimensions	5 Work period
8 Hand-in Lesson 30 Lesson 31 – Sound & Resonance ⇒ Optional cool demos	9 Hand-in Lesson 31 Lesson 32 – Doppler effect	10 Hand-in Lesson 32 Quiz ⇒ Lesson 29 to 32	11 Review 1 to 32	12 Doomsday Test ⇒ Lessons 1 to 32
15	16 Last day of classes	17	18	19
22	23 Deadline All work must be in and complete by 2:00 pm	24	25	26