Physics 20 2011/2012 Semester 1 (general calendar)

Monday	Tuesday	Wednesday	Thursday	Friday
August 29	**30**	**31**	**September 1**	**2** Introduction Lesson 1 – Average speed
5 **Labour Day** **No classes**	**6** Hand-in Lesson 1 Lesson 2 – Displacement	**7** Hand-in Lesson 2 Lesson 3 – Velocity – Graphical analysis ⇒ Optional lecture	**8** **NSS camp**	**9** **NSS camp**
12 Hand-in Lesson 3 Lesson 4 – Graphing activities ⇒ Constant velocity	**13** Hand-in L04 Constant Velocity Lesson 4 – Graphing activities ⇒ Accelerated motion	**14** Hand-in L04 Quiz ⇒ Lessons 1 to 4	**15** Lesson 5 – Accelerated motion: Graphical ⇒ Optional lecture	**16** work period
19 Hand-in Lesson 5 Lesson 6 – Graphing activities ⇒ Up-Down activity	**20** Work period	**21** Lesson 6 – Graphing activities ⇒ **phet** activity	**22** Hand-in Up-Down activity and phet activity Quiz ⇒ Lessons 5 to 6	**23** **PD day**
26 Lesson 7 – Accelerated Motion	**27** Hand-in Lesson 7 Lesson 8 – Acceleration, Displacement I ⇒ Optional lecture	**28** Work period	**29** Hand-in Lesson 8 Lesson 9 – Acceleration, Displacement II ⇒ Optional lecture	**30** work period
October 3 Hand-in Lesson 9 Quiz ⇒ Lessons 7 to 9	**4** Lessons 1 to 9 review	**5** Doomsday Test ⇒ Lessons 1 to 9	**6** Lesson 10 – Kinematics in 2 Dimensions	**7** **PD day**
10 **Thanksgiving day**	**11** Mark Lesson 10 Lesson 11 – Complex 2 Dim. Vectors	**12** work period	**13** Mark Lesson 11 Quiz ⇒ Lessons 10 to 11	**14** Lesson 12 – Relative Motion ⇒ Optional lecture

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17 work period	**18** Hand-in Lesson 12 Lesson 13 – Projectiles ⇒ Optional lecture	**19** work period	**20** Mark Lesson 13 Quiz ⇒ Lesson 12 and 13	**21** Review 1 to 13
24 Doomsday test ⇒ Lessons 1 to 13	**25** Lesson 14 – Dynamics Conceptual Change ⇒ Optional lecture	**26** Mark Lesson 14 Lesson 15 – Dynamics problem solving	**27** work period	**28** Mark Lesson 15 Lesson 16 – Mass Weight Friction ⇒ Optional lecture
31 Lesson 16 activity	**November 1** **Parent-Teacher Interviews**	**2** Mark Lesson 16 Lesson 17 – Vertical forces, inclines ⇒ Optional lecture	**3** Hand-in Lesson 16 activity Quiz ⇒ Lessons 14 to 16	**4** work period
7 Mark Lesson 17 Lesson 18 – Pulleys, systems ⇒ Optional lecture	**8** work period	**9** Mark Lesson 18 Quiz ⇒ Lessons 17 to 18	**10** Lessons 1 to 18 review	**11** **Remembrance Day** **No classes**
14 **PD day**	**15** Doomsday test ⇒ Lessons 1 to 18	**16** Lesson 19 – Uniform circular motion ⇒ Optional lecture	**17** Mark Lesson 19 Lesson 20 – Vertical UCM ⇒ Optional lecture	**18** Work period
21 Mark Lesson 20 Quiz ⇒ Lessons 19 to 20	**22** Lesson 21 – Universal Gravitation Lesson 22 –Gravitational field strength	**23** Mark Lesson 21 and 22 Lesson 23 – Orbits & Satellites ⇒ Optional lecture	**24** Work period	**25** Mark Lesson 23 Quiz ⇒ Lessons 21 to 23
28 Lessons 1 to 23 review	**29** Doomsday test ⇒ Lessons 1 to 23	**30** Lesson 24 – SHM pendulums	**December 1** Hand in Lesson 24 Lesson 24 – SHM pendulum ⇒ activities	**2** **PD day**

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5 Hand-in Lesson 24 activity Lesson 25 – SHM springs	**6** Hand in Lesson 25 Lesson 25 – SHM springs ⇒ activities	**7** Hand-in Lesson 25 activity Lesson 26 – Waves in One Dimension ⇒ activity	**8** Work period	**9** Hand-in Lesson 26 Quiz ⇒ Lessons 24 to 26
12 Lesson 27 – Waves in Two Dimensions	**13** Hand-in Lesson 27 Lesson 28 – Sound & Resonance ⇒ Optional cool demos	**14** Hand-in Lesson 28 Lesson 29 – Doppler effect lecture	**15** Hand-in Lesson 29 Quiz ⇒ Lesson 27 to 29	**16** Review 1 to 29
19 Doomsday Test ⇒ Lessons 1 to 29	**20** Lesson 30 – Work, Energy and Power	**21** Hand in Lesson 30 Lesson 31 – Conservation of Energy ⇒ Optional lecture	**22** Work period	**23** **PD day**
January 9 Hand in Lesson 31 Lesson 31 activity	**10** Hand-in Lesson 31 activity Lesson 32 – SHM forces & energy ⇒ Optional lecture	**11** Work period	**12** Hand-in Lesson 32 Quiz ⇒ Lessons 30 to 32	**13** Review 1 to 32
16 Doomsday Test ⇒ Lessons 1 to 32	**17**	**18**	**19**	**20**