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| Physics 20 2015/2016 Semester 2 (general calendar) |
| **Monday**  | **Tuesday**  | **Wednesday** | **Thursday**  | **Friday**  |
| **February 1** | **2** | **3** | **4** | **5** |
| **Non-Instruction day** | IntroductionLesson 1 – Average speed | Hand-in Lesson 1 Lesson 2 – Displacement | Hand-in Lesson 2Lesson 3 – Velocity – Graphical analysis* Optional lecture
 | Work period |
| **8** | **9** | **10** | **11** | **12** |
| Hand-in Lesson 3 Lesson 4 – Graphing activities* Constant velocity
 | Hand-in L04 Constant VelocityLesson 4 – Graphing activities* Accelerated motion
 | Hand-in L04 Quiz* Lessons 1 to 4
 | **Teacher’s convention** | **Teacher’s convention** |
| **15** | **16** | **17** | **18** | **19** |
| **Family day** | Lesson 5 – Accelerated motion: Graphical* Optional lecture
 | Work period | Hand-in Lesson 5Lesson 6 – Graphing activities* Up-Down activity
 | Work period |
| **22** | **23** | **24** | **25** | **26** |
| Lesson 6 – Graphing activities* **phet** activity
 | Work period | Hand-in Up-Down activity and phet activityQuiz* Lessons 5 to 6
 | Lesson 7 – Accelerated Motion | Hand-in Lesson 7 Lesson 8 – Acceleration, Displacement I* Optional lecture
 |
| **29** | **March 1** | **2** | **3** | **4** |
| Work period | Hand-in Lesson 8 Lesson 9 – Acceleration, Displacement II * Optional lecture
 | Work period | Hand-in Lesson 9Quiz* Lessons 7 to 9
 | Lessons 1 to 9 review |
| **7** | **8** | **9** | **10** | **11** |
| Doomsday Test* Lessons 1 to 9
 | Lesson 10 – Kinematics in 2 Dimensions | Mark Lesson 10Lesson 11 – Complex 2 Dim. Vectors | Work period | Mark Lesson 11Quiz* Lessons 10 to 11
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| **Monday**  | **Tuesday**  | **Wednesday** | **Thursday**  | **Friday**  |
| **14** | **15** | **16** | **17** | **18** |
| Lesson 12 – Relative Motion * Optional lecture
 | Work period | Hand-in Lesson 12Lesson 13 – Projectiles* Optional lecture
 | Work period | **Non-Instruction day** |
| **28** | **29** | **30** | **31** | **April 1** |
| **Spring break** | **Classes resume**Mark Lesson 13 Quiz* Lesson 12 and 13
 | Review 1 to 13 | Doomsday test* Lessons 1 to 13
 | Lesson 14 – Dynamics Conceptual Change* Optional lecture
 |
| **4** | **5** | **6** | **7** | **8** |
| **Non-Instruction day** | Mark Lesson 14Lesson 15 – Dynamics problem solving | Work period | Mark Lesson 15Lesson 16 – Mass Weight Friction* Optional lecture
 | Lesson 16 activity |
| **11** | **12** | **13** | **14** | **15** |
| Mark Lesson 16Lesson 17 – Vertical forces, inclines* Optional lecture
 | Hand-in Lesson 16 activityQuiz* Lessons 14 to 16
 | Work period | **No Classes****Parent-Teacher Interviews****11:00 to 7:00** | Mark Lesson 17 Lesson 18 – Pulleys, systems* Optional lecture
 |
| **18** | **19** | **20** | **21** | **22** |
| Work period | Mark Lesson 18Quiz* Lessons 17 to 18
 | Lessons 1 to 18 review | Doomsday test* Lessons 1 to 18
 | **Non-Instruction day** |
| **25** | **26** | **27** | **28** | **29** |
| **Non-Instruction day** | Lesson 19 – Uniform circular motion * Optional lecture
 | Mark Lesson 19Lesson 20 – Vertical UCM* Optional lecture
 | Work period | Mark Lesson 20Quiz* Lessons 19 to 20
 |
| **May 2** | **3** | **4** | **5** | **6** |
| Lesson 21 – Universal GravitationLesson 22 –Gravitational field strength | Mark Lesson 21 and 22Lesson 23 – Orbits & Satellites* Optional lecture
 | Work period | Mark Lesson 23Quiz * Lessons 21 to 23
 | Lessons 1 to 23 review |

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| **Monday**  | **Tuesday**  | **Wednesday** | **Thursday**  | **Friday**  |
| **9** | **10** | **11** | **12** | **13** |
| Doomsday test* Lessons 1 to 23
 | Lesson 24 – SHM pendulums  | **Personal Planning Day****No Classes** | Hand in Lesson 24Lesson 24 – SHM pendulum* activities
 | Hand-in Lesson 24 activityLesson 25 – SHM springs |
| **16** | **17** | **18** | **19** | **20** |
| Hand in Lesson 25Lesson 25 – SHM springs * activities
 | Hand-in Lesson 25 activityQuiz* Lessons 24 to 25
 | Lesson 26 – Work, Energy and Power | Work period | **Non-Instruction day** |
| **23** | **24** | **25** | **26** | **27** |
| **Victoria day** | Hand in Lesson 26Lesson 27 – Conservation of Energy* Optional lecture
 | Work period | Hand in Lesson 27Lesson 27 activity | Hand-in Lesson 27 activityLesson 28 – SHM forces & energy* Optional lecture
 |
| **30** | **31** | **June 1** | **2** | **3** |
| Work period | Hand-in Lesson 28Quiz* Lessons 26 to 28
 | Review 1 to 28 | Doomsday Test* Lessons 1 to 28
 | Lesson 29 – Waves in One Dimension * activity
 |
| **6** | **7** | **8** | **9** | **10** |
| Work period | Hand-in Lesson 29Lesson 30 – Waves in Two Dimensions | Work period | Hand-in Lesson 30 Lesson 31 – Sound & Resonance * Optional cool demos
 | Hand-in Lesson 31Lesson 32 – Doppler effect |
| **13** | **14** | **15** | **16** | **17** |
| Hand-in Lesson 32Quiz* Lesson 29 to 32
 | Review 1 to 32 | **Last day of classes**Doomsday Test* Lessons 1 to 32
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| **20** | **21** | **22** | **23** | **24** |
|  |  |  |  | **Deadline**All work must be in and complete by 2:00 pm |
| **27** | **28** | **29** | **30** |  |
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