

# Physics 20

## 2015/2016 Semester 2 (general calendar)

Monday	Tuesday	Wednesday	Thursday	Friday
<b>February 1</b> <b>Non-Instruction day</b>	<b>2</b> Introduction  Lesson 1 – Average speed	<b>3</b> Hand-in Lesson 1  Lesson 2 – Displacement	<b>4</b> Hand-in Lesson 2  Lesson 3 – Velocity – Graphical analysis ⇒ Optional lecture	<b>5</b> Work period
<b>8</b> Hand-in Lesson 3  Lesson 4 – Graphing activities ⇒ Constant velocity	<b>9</b> Hand-in L04 Constant Velocity  Lesson 4 – Graphing activities ⇒ Accelerated motion	<b>10</b> Hand-in L04  Quiz ⇒ Lessons 1 to 4	<b>11</b> <b>Teacher's convention</b>	<b>12</b> <b>Teacher's convention</b>
<b>15</b> <b>Family day</b>	<b>16</b> Lesson 5 – Accelerated motion: Graphical ⇒ Optional lecture	<b>17</b> Work period	<b>18</b> Hand-in Lesson 5  Lesson 6 – Graphing activities ⇒ Up-Down activity	<b>19</b> Work period
<b>22</b> Lesson 6 – Graphing activities ⇒ <b>phet</b> activity	<b>23</b> Work period	<b>24</b> Hand-in Up-Down activity and phet activity  Quiz ⇒ Lessons 5 to 6	<b>25</b> Lesson 7 – Accelerated Motion	<b>26</b> Hand-in Lesson 7  Lesson 8 – Acceleration, Displacement I ⇒ Optional lecture
<b>29</b> Work period	<b>March 1</b> Hand-in Lesson 8  Lesson 9 – Acceleration, Displacement II ⇒ Optional lecture	<b>2</b> Work period	<b>3</b> Hand-in Lesson 9  Quiz ⇒ Lessons 7 to 9	<b>4</b> Lessons 1 to 9 review
<b>7</b> Doomsday Test ⇒ Lessons 1 to 9	<b>8</b> Lesson 10 – Kinematics in 2 Dimensions	<b>9</b> Mark Lesson 10  Lesson 11 – Complex 2 Dim. Vectors	<b>10</b> Work period	<b>11</b> Mark Lesson 11  Quiz ⇒ Lessons 10 to 11

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<b>14</b> Lesson 12 – Relative Motion ⇒ Optional lecture	<b>15</b> Work period	<b>16</b> Hand-in Lesson 12  Lesson 13 – Projectiles ⇒ Optional lecture	<b>17</b> Work period	<b>18</b> <b>Non-Instruction day</b>
<b>28</b> <b>Spring break</b>	<b>29</b> <b>Classes resume</b> Mark Lesson 13  Quiz ⇒ Lesson 12 and 13	<b>30</b> Review 1 to 13	<b>31</b> Doomsday test ⇒ Lessons 1 to 13	<b>April 1</b> Lesson 14 – Dynamics Conceptual Change ⇒ Optional lecture
<b>4</b> <b>Non-Instruction day</b>	<b>5</b> Mark Lesson 14  Lesson 15 – Dynamics problem solving	<b>6</b> Work period	<b>7</b> Mark Lesson 15  Lesson 16 – Mass Weight Friction ⇒ Optional lecture	<b>8</b> Lesson 16 activity
<b>11</b> Mark Lesson 16  Lesson 17 – Vertical forces, inclines ⇒ Optional lecture	<b>12</b> Hand-in Lesson 16 activity  Quiz ⇒ Lessons 14 to 16	<b>13</b> Work period	<b>14</b> <b>No Classes</b>  <b>Parent-Teacher Interviews</b> <b>11:00 to 7:00</b>	<b>15</b> Mark Lesson 17  Lesson 18 – Pulleys, systems ⇒ Optional lecture
<b>18</b> Work period	<b>19</b> Mark Lesson 18  Quiz ⇒ Lessons 17 to 18	<b>20</b> Lessons 1 to 18 review	<b>21</b> Doomsday test ⇒ Lessons 1 to 18	<b>22</b> <b>Non-Instruction day</b>
<b>25</b> <b>Non-Instruction day</b>	<b>26</b> Lesson 19 – Uniform circular motion ⇒ Optional lecture	<b>27</b> Mark Lesson 19  Lesson 20 – Vertical UCM ⇒ Optional lecture	<b>28</b> Work period	<b>29</b> Mark Lesson 20  Quiz ⇒ Lessons 19 to 20
<b>May 2</b> Lesson 21 – Universal Gravitation  Lesson 22 –Gravitational field strength	<b>3</b> Mark Lesson 21 and 22  Lesson 23 – Orbits & Satellites ⇒ Optional lecture	<b>4</b> Work period	<b>5</b> Mark Lesson 23  Quiz ⇒ Lessons 21 to 23	<b>6</b> Lessons 1 to 23 review

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