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| Physics 30 2015/2016 Semester 2 (general calendar) | | | | | |
| **Monday** | **Tuesday** | **Wednesday** | **Thursday** | **Friday** |
| **February 1** | **2** | **3** | **4** | **5** |
| **Non-instruction Day** |  |  |  |  |
| **8** | **9** | **10** | **11** | **12** |
|  |  |  | **Teacher’s convention** | **Teacher’s convention** |
| **15** | **16** | **17** | **18** | **19** |
| **Family day** |  | Lesson 15 – Electric Fields |  | Hand-in Lesson 15  Lesson 16 – Electric potential |
| **22** | **23** | **24** | **25** | **26** |
| Hand-in Lesson 16  Lesson 17 – Parallel plates |  | Work period |  | Hand-in Lesson 17  Lesson 18 – Electric current |
| **29** | **March 1** | **2** | **3** | **4** |
| Hand-in Lesson 18  Quiz   * Lessons 15 to 18 |  | Review 1 to 18 |  | Doomsday test   * Lessons 1 to 18 |
| **7** | **8** | **9** | **10** | **11** |
| Lesson 19 – Magnetic fields |  | Hand-in Lesson 19  Lesson 19 Activity |  | Lesson 20 – Magnetic forces on charged particles |
| **14** | **15** | **16** | **17** | **18** |
| Hand-in Lesson 20  Lesson 21 – Motor effect |  | Hand-in Lesson 21  Quiz   * Lessons 19 to 21 |  | **Non-instruction Day** |
| **28** | **29** | **30** | **31** | **April 1** |
| **Spring Break** | **Classes resume** | Lesson 22 – Generator effect |  | Hand-in Lesson 22  Lesson 23 Activity – *Lenz’s Law* |

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| **Monday** | **Tuesday** | **Wednesday** | **Thursday** | **Friday** |
| **4** | **5** | **6** | **7** | **8** |
| Hand-in Lesson 23  Lesson 24 – Electro-magnetic radiation |  | Work period |  | Hand-in Lesson 24  Quiz   * Lessons 22 to 24 |
| **11** | **12** | **13** | **14** | **15** |
| Review 1 to 24 |  | Doomsday Test   * Lessons 1 to 24 | **No Classes**  **Parent-Teacher Interviews**  **11:00 to 7:00** | Lesson 25 – Early Atomic Models  Lesson 26 – Cathode Rays |
| **18** | **19** | **20** | **21** | **22** |
| Hand-in Lesson 26  Lesson 27 – Rutherford’s Model of the Atom |  | Hand-in Lesson 27  Quiz   * Lessons 25 to 27 | Lesson 28 – Quantization of Light | **Non-instruction Day** |
| **25** | **26** | **27** | **28** | **29** |
| **Non-instruction Day** | Hand-in Lesson 28  Lesson 29 – Photoelectric effect | Hand-in Lesson 29  Lesson 29 Activity – *Photoelectric* **phet** *effect* |  | Hand-in Lesson 29 activity  Lesson 30 – Light Spectra & Excitation States |
| **May 2** | **3** | **4** | **5** | **6** |
| Hand-in Lesson 30  Quiz   * Lesson 28 to 30 |  | Lesson 31 – The Bohr Model |  | Hand-in Lesson 31  Lesson 32 – X-rays and Compton Effect |
| **9** | **10** | **11** | **12** | **13** |
| Hand-in Lesson 32  Lesson 33 – Waves and Particles   * Optional video |  | **Personal Planning Day**  **No Class** |  | Hand-in Lesson 33  Quiz   * Lesson 31 to 33 |
| **16** | **17** | **18** | **19** | **20** |
| Lesson 34 – Wave Mechanics/Uncertainty   * optional   Review 1 to 33 |  | Doomsday Test   * Lessons 1 to 33 |  | **Non-instruction Day** |
| **23** | **24** | **25** | **26** | **27** |
| **Victoria day** |  | Lesson 35 – Nuclear physics |  | Hand-in Lesson 35  Lesson 36 – Radioactivity |

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| **Monday** | **Tuesday** | **Wednesday** | **Thursday** | **Friday** |
| **30** | **31** | **June 1** | **2** | **3** |
| Hand-in Lesson 36  Quiz   * Lesson 35 to 36 |  | Lesson 37 – particle physics   * Optional lecture |  | Hand-in Lesson 37  Lesson 38 – quarks |
| **6** | **7** | **8** | **9** | **10** |
| Hand-in Lesson 38  Doomsday Test   * Lessons 35 to 38 |  |  |  |  |
| **13** | **14** | **15** | **16** | **17** |
| **Deadline**  All work must be in and complete by 2:00 pm | Diploma prep. | Diploma prep. | Diploma prep. | Diploma prep. |
| **20** | **21** | **22** | **23** | **24** |
|  |  |  |  |  |
| **27** | **28** | **29** | **30** |  |
| **Diploma Exam**  9:00 AM  3 hours |  |  |  |  |