

Physics I – 2010 Spring Semester Syllabus "Revised"

Class Webpage: <http://www.quia.com/pages/rnell/page1>

Revised due to weather and closing:

2 / 16-17	Test Ch. 13. (Download & copy Ch. 14 notes)
2 / 18-19	
2 / 22-23	Project Due– Musical Instruments
2 / 24-25	Ch 14 – Light and Reflection. Lab - Reflection of Light Notes and demos. Lab – Concave and Convex Mirrors
<i>End of 4th Six Weeks</i>	
2 / 26 – 3 / 1	Ch 14 Notes and Demos - Concave and Convex Mirrors
3 / 2 - 3	ELA TAKS Wed. 3-3-10 3-2-10 Work on Ch 14 practice problems and concepts
3/ 4-5	Notes & Demos – Polarization, Colors, Color mixing – LAB Color.
3 / 8-9	Review Ch 14; Quiz
3 / 10-11	Test Ch. 14. (Download & copy Ch. 15 notes)
3 / 12	Ch 15 Notes and Demos – Refraction of Waves and Light. Lab – Snell’s Law
<i>Spring Break</i>	
3 / 22	Ch 15 Notes and Demos – Refraction of Waves and Light. Lab – Snell’s Law
3 / 23-24	Review Ch 15 and worksheets in class. TH Quiz – Ch 15;
3 / 25-26	Test Ch. 15. (Download & copy Ch. 17 notes)
3 / 29-30	Ch 17 – Electrostatics Notes and Problems. Demos in class Notes & video on electrical forces and energy. Worksheets Ch. 17 Review and Quiz Ch. 17
3 / 31 – 4 / 1	
4 / 2-5	Test Ch. 17. (Download & copy Ch. 19 & 20 notes)
4 / 6-7	Ch. 19: Current and Resistance – Notes and demos
4 / 8-9	Lab – Ohm’s Law. Problem-solving and Notes Ch. 19
4 / 12-13	Notes & Demo Ch. 20 – Circuits
4 / 14-15	LAB - Circuits
<i>End 5th Six Weeks</i>	
4 / 16-19	Ch. 20 Notes. Lab – Resistors in Series.
4 / 20-21	Ch. 20 Notes Lab – Resistors in Parallel “ <u>Science TAKS Review</u> ”.
4 / 22-23	Review and Quiz Ch 19 & 20 “ <u>TAKS Review</u> ”.
4/ 26-27	Test Ch. 19 & 20 (Download & copy Ch. 21 & 22 notes)
4 / 28-30	TAKS - Math, Science, Social Studies ; Lab – Resistors in Parallel. Ch. 20 problems.
4 / 30-5/3	Ch. 21 Notes and demo – Lab Magnetic field of a solenoid
<i>AP Exams 5/3-14</i>	
5 / 4-5	Ch. 22 Notes and demo Electromagnetic Induction
5 / 6-7	Notes Ch. 21-22 – Lab: Electromagnetic Induction
5 / 10-11	Ch. 22 cont’d. Lab – Building a simple motor
5 / 12-13	Review and quiz Ch. 21-22
5 / 14-17	Test Ch. 21 & 22 (Download Ch 23 & 25 Modern Physics notes)
5 / 18-19	Ch. 23 Notes – Atomic Physics
5 / 20-21	Ch 25 Notes – Subatomic Physics and Relativity
5 / 24-25	Cont. 25 Notes - Relativity video TH Quiz Ch. 23 & 25
5 / 26-27	Project Due
5 / 28-6/1	Review for Finals
6 / 2-4	Finals