

## Revised Class Schedule

April 20, 2009

**- Spring Break - March 9, 5:00PM - March 17, 8:00AM**

Monday	Mar. 16	<b>topic:</b> Electric Potential Energy <b>read:</b> chapter 29, sections 1 through 4
Wednesday	Mar. 18	<b>topic:</b> Electric Potential <b>read:</b> chapter 29, sections 5 through 7
Friday	Mar. 20	<b>topic:</b> Connection between Potential and Fields <b>read:</b> chapter 30, sections 1 through 4
Monday	Mar. 23	<b>topic:</b> Capacitors <b>read:</b> chapter 30, sections 5 through 7
Wednesday	Mar. 25	<b>topic:</b> Electric Current, Resistance, and Batteries <b>read:</b> chapter 31, sections 1 through 5
Friday	Mar. 27	<b>topic:</b> Kirchhoff's Laws <b>read:</b> chapter 32, sections 1, 2, 4, 5, 6, and 7
Monday	Mar. 30	<b>topic:</b> Electric Circuits and RC Circuits <b>read:</b> chapter 32, sections 3, 8 through 10
Wednesday	Apr. 1	<b>topic:</b> The Magnetic Field <b>read:</b> chapter 33, sections 1 through 4
Friday	Apr. 3	<b>topic:</b> Ampere's Law <b>read:</b> chapter 33, sections 5 and 6
Sunday	Apr. 5	<b>- Review for Exam #2 6:00pm S-11</b>
Monday	Apr. 6	<b>- Exam #2 - covers material from Feb. 20 through Apr. 1</b>
Wednesday	Apr. 8	<b>topic:</b> Magnetic Force on a Current-Carrying Wire <b>read:</b> chapter 33, sections 7 through 10
Thursday	April 9	<b>-Easter Break</b>
Wednesday	Apr. 15	<b>topic:</b> Electromagnetic Induction <b>read:</b> chapter 34, sections 16 through 5
Friday	Apr. 17	<b>topic:</b> Faraday's Law <b>read:</b> chapter 34, sections 6 through 10 ??

Monday	Apr. 20	<b>topic: No class</b>
Wednesday	Apr. 22	<b>topic: Inductors and LR and LCR Circuits</b> <b>read: chapter 34, section 10 8, 9, and 10</b>
Friday	Apr. 24	<b>topic: Maxwell's Equations and Electromagnetic Wave</b> <b>read: chapter 35, sections 1 through 8, sections 3, 4 lightly</b>
Monday	Apr. 27	<b>topic: Special Theory of Relativity</b> <b>read: chapter 37, sections 1 through 5</b>
Wednesday	Apr. 29	<b>topic: Relativistic Dynamics</b> <b>read: chapter 37, sections 6, 7, 9, 10</b>
Friday	May 1	<b>topic: Modern Optics and Matter Waves</b> <b>read: chapter 25, sections 1, 3, 4, and 5</b>
Sunday	May 3	<b>- Review for Exam #2 6:00pm S-11</b>
Monday	May 4	<b>- Exam #3 - covers material from Apr. 16 through Apr. 29</b>
Wednesday	May 6	<b>topic: Quantum Theory and Matter Waves</b> <b>read: chapter 38, sections 3, 4, 6, 8; chapter 39 sections 2 - 7</b>
Friday	May 8	<b>topic: Review and have fun!</b>
Tuesday	May 12	<b>-Finals Exam 8:00am</b>

***Great job and  
have a wonderful Summer!***