

# Physics 112

## Winter 2009 Flood-Revised Schedule

<u>Week of</u>	<u>Monday</u>	<u>Wednesday</u>	<u>Friday</u>	<u>Laboratory</u>
<b>January 5</b>	Course Introduction	Physical Optics	Physical Optics	Physical Optics I
<b>January 12</b>	Geometric Optics	Image Formation by Lenses and Mirrors	Simple Optical Instruments	Geometric Optics I
<b>January 19</b>	Compound Optical Instruments	Optical Resolution	Electric Forces and Fields	Geometric Optics II
<b>January 26</b>	Electric Forces and Fields	Electric Forces and Fields	Electric Potential	Electrostatics
<b>February 2</b>	Electric Potential	Capacitors & Dielectrics	<b>Exam I</b>	Electric Potential
<b>February 9</b>	Batteries, Currents & Ohm's Law	Series & Parallel Circuits	Kirchoff Rules Lightbulb Experiment:	No Lab
<b>February 16</b>	Resistive Networks	Magnetic Forces & Fields	Magnetic Forces & Fields	Ohm's Law Series & Parallel Circuits

<b>February 23</b>	<b>Mid-</b>	<b>Semester</b>	<b>Break</b>	No Lab
<b>March 2</b>	Magnetic Forces & Fields	Electromagnetic Induction	Electromagnetic Induction	Magnetic Fields
<b>March 9</b>	Electromagnetic Induction	Catch up & Review	<b>Exam II</b>	Motors
<b>March 16</b>	Electromagnetic Waves	Electromagnetic Waves	Oscillating Circuits	Physical Optics II
<b>March 23</b>	Oscillating Circuits	Flood	Flood	Flood
<b>March 30</b>	Flood	Flood	Flood	Flood
<b>April 6</b>	Special Relativity	Special Relativity	Easter Break	No Lab
<b>April 13</b>	Special Relativity	Quantum Physics	<b>Exam III</b>	Atoms I
<b>April 20</b>	Quantum Physics	Nuclear Physics	Nuclear Physics	Atoms II
<b>April 27</b>	Catch up and Review	<b>Final Exam 8:30-10:30am Wed. April 29, 2009</b>		