Physics Lab Schedule

Fall 2013

Mechanics

Phys1011/2111

Aug. 20 – 22	No lab
Aug. 27 – 29	Determination of Gravitational Acceleration
Sep. 3 – 5	No lab
Sep. 10 – 12	No lab
Sep. 17 – 19	Projectile Motion
Sep. 24 – 26	No lab
Oct. 1 – 3	Newton's Second Law: The Atwood Machine
Oct. 8 – 10	No lab
Oct. 15 – 17	Friction
Oct. 22 – 24	The Work-Energy Theorem
Oct. 29 – 31	Conservation of Linear Momentum
Nov. 5 – 7	No lab
Nov. 12 – 14	Rotational and Translational Energy
Nov. 19 – 21	Periodic Motion and Resonance
Nov. 26 – 28	**Fall Break – No classes**
Dec. 3 – 5	No lab

Electricity and Magnetism

Phys1012

Aug. 27 – 29	The Electrostatic Force
Sept. 3 – 5	Electric Fields and Equipotential Surfaces
Sept. 10 – 12	Ohm's Law
Sept. 24 – 26	Resistors in Series and Parallel
Oct. 1 – 3	Kirchoff's Law
Oct. 8 – 10	RC Circuits
Oct. 15 – 17	Magnetic Field Induced by a Current Carrying Wire
Oct. 29 – 31	The Speed of Sound
Nov. 5 – 7	Reflection and Refraction
Nov. 12 – 14	Optics

Phys2112

Aug. 26 – 28	No lab
Sept. 2 – 4	No lab
Sept. 9 – 11	Electrostatic Force
Sept. 16 – 18	Electric Fields and Equipotential Surfaces
Sept. 23 – 25	Resistors in Series and Parallel
Sept. 30 – Oct. 2	Joule Heating
Oct. 7 – 9	Kirchhoff's Laws
Oct. 14 – 16	RC Circuits
Oct. 21 – 23	Introduction to Oscilloscope
Oct. 28 – 30	Magnetic Induction

Nov. 4 – 6	No lab
Nov. 11 – 13	No lab
Nov. 18 – 20	**Fall Break – No classes**
Nov. 25 – 27	Reflection and Refraction
Dec. 2 – 4	No lab