

NS Physics Syllabus for Spring Term 2007

Date	Chapter & Topic	
T 01/16/07	22, Electric Charge, Coulombs Law	
H 01/18/07	23, Electric Fields	
M 01/22/07	Lab: Electric Fields	
T 01/23/07	24, Gauss' Law and Electric Fields	
H 01/25/07	24, Gauss' Law, Symmetric Charge Distributions	HW 1 due
M 01/29/07	Special Topic: EEG & Demo	
T 01/30/07	25, Electric Potential Energy	
H 02/01/07	25, Electric Potential	HW 2 due
M 02/05/07	Review	
T 02/06/07	Exam 1	
H 02/08/07	26, Current, Resistance, Circuits 1	
M 02/12/07	Lab: Circuits	
T 02/13/07	27, Capacitance, Circuits 2	
H 02/15/07	28, Circuits 3	HW 3 due
M 02/19/07	President's Day	
T 02/20/07	Circuits and Neurons	Meet in 807
H 02/22/07	29, Magnetic Fields	HW 4 due
M 02/26/07	Lab: Circuits, Simulated Neuron	
T 02/27/07	29, 30 Magnetic Fields and Currents	
H 03/01/07	30, Special Topic: Spin and Magnetic Resonance	HW 5 due
M 03/05/07	Review	
T 03/06/07	Exam 2	
H 03/08/07	31, Induction	
03/12–16/07	SPRING BREAK	
M 03/19/07	Special Topic: Electron Microscope & Demo	
T 03/20/07	31, 32 Induction, Maxwell's Equations	
H 03/22/07	32 Inductors	HW 6 due
M 03/26/07	Lab: Magnetic Fields and Induction	
T 03/27/07	33 Electromagnetic Oscillations	
H 03/29/07	33 Alternating Current & AC Circuits	HW 7 due
M 04/02/07	Lab: AC Circuits & Radio waves	
T 04/03/07	34, Maxwell's Equations	
H 04/05/07	34, Electromagnetic Waves	HW 8 due
M 04/09/07	Review	
T 04/10/07	Exam 3	
H 04/12/07	35, Optics and Lenses	
M 04/16/07	Lab: Optics and Lenses	
T 04/17/07	36, Interference	
H 04/19/07	37, Diffraction	HW 9 due
M 04/23/07	Special Topic: Confocal Microscope & Demo	
T 04/24/07	Photons, Nuclei and Atoms	
H 04/26/07	Fluorescence and Phosphorescence	HW 10 due
M 04/30/07	Review	
H 05/03/07	Final Exam	12:00 PM – 1:50 PM