

General Physics 2 (PHYS-112-03, Spring 2005)
MWF 9:00-9:50

Professor Tom Narita

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3 Exams @ 20% each, Final Exam 20%, Homework 20%

<i>Week</i>	<i>Date</i>	<i>Chapter</i>	<i>Topic</i>
1	1/19/05 W	19	Electric Charge and Coulomb's Law
	1/21/05 F	19	Electric Field
2	1/24/05 M	19	Electric Forces
	1/26/05 W	19	Application of Gauss's Law
	1/28/05 F	20	ChargeElectric Potential
3	1/31/05 M	20	Electric Potential Energy
	2/2/05 W	20	Conductors and Capacitance
	2/4/05 F	20	Application of Capacitors
4	2/7/05 M	21	Electric Current
	2/9/05 W	21	Electric Energy
	2/11/05 F	21	Resistors and Kirchoff's Rules
5	2/14/05 M	21	RC Circuits
	2/16/05 W	22	Magnetic Field
	2/18/05 F		EXAM 1 (Ch. 19-21)
6	2/21/05 M	22	Motion in Magnetic Field
	2/23/05 W	22	Magnetic Force
	2/25/05 F	22	Biot-Savart Law
7	2/28/05 M	22	Ampere's Law
	3/2/05 W	23	Magnetic Induction
	3/4/05 F	23	Induced emf
8	3/14/05 M	23	RL Circuits
	3/16/05 W	24	Electromagnetic Waves
	3/18/05 F		EXAM 2 (Ch. 22-23)
9	3/21/05 M	25	Geometric Optics
	3/23/05 W	25	Reflection of Light
10	3/30/05 W	25	Refraction of Light
	4/1/05 F	25	Total Internal Reflection
11	4/4/05 M	26	Images due to Mirrors
	4/6/05 W	26	Images due to Refraction
	4/8/05 F	26	Application of Mirrors and Lenses
12	4/11/05 M	27	Interference of Light
	4/13/05 W	27	Applications of Interference
	4/15/05 F	27	Diffraction
13	4/18/05 M		EXAM 3 (Ch. 24-27)
	4/20/05 W	28	Blackbody Radiation
	4/22/05 F	28	Photoelectric Effect
14	4/25/05 M	28	Photons and Electromagnetic Waves
	4/27/05 W	29	Quantum Description of Atoms
	4/29/05 F	30	Nuclear Binding Energy
15	5/2/05 M	30	Radioactivity
	5/12/05 R		FINAL EXAM