

## Tentative Schedule: R.1 for Physics 220 and Physics 250 Spring 2010

labs	Worksheet Number	Date	220: Cutnell: 8 <sup>th</sup> ed.	250: Serway 4 <sup>th</sup> ed
			Assignment Reading : Homework	Assignment: Reading: homework
	Worksheet 01: Electrostatics 1	W January 13	chapter 18	chapter 19
No lab this week		F January 15	chapter 18	
		W January 20	chapter 18	
Lab 01: Electrostatics	Worksheet 02: Electrostatics 2	F January 22	chapter 19	chapter 19
		M January 25	chapter 19	chapter 20
	Worksheet 03: Gauss' Law	W January 27	chapter 19	chapter 20
Lab 02: Field Mapping	Worksheet 03A: Problems	F January 29	chapter 19	
	Untest01	M February 01		
	Test #1	W February 03		
Lab (03): Series and parallel RC	Worksheet 04: potential	F February 05	chapter 19	chapter 21
	Worksheet 05: capacitance	M February 08	chapter 19	chapter 21
	Worksheet 07: emf, RC circuit	W February 10	chapter 20	chapter 21
Lab (04) EMF and RC	Worksheet 08: Kirchoff's laws 1	F February 12	chapter 20	chapter 21
	Worksheet 09: Kirchoff's laws 2	M February 15	chapter 20	chapter 21
	Worksheet 06: Problems	W February 17		
Lab 04A: TBA	Untest02	F February 19		
	Test #2	M February 22		
	Worksheet 10: Magnetic fields 1	W February 24	chapter 21	chapter 22
Lab 05: current balance	Worksheet 11: Magnetic fields 2	F February 26	chapter 21	chapter 22
	Worksheet 12: Ampere's law	M March 01	chapter 22	chapter 23
	Worksheet 13: Calculating B	W March 03	chapter 22	chapter 23
Lab 06: magnetic levitation	Worksheet 14: Faraday's law	F March 05	chapter 22	chapter 23
	Worksheet 15: Inductance	M March 15	chapter 23	chapter 23
	Worksheet 17: RLC Circuits 1	W March 17	chapter 23	Chapter 23
Lab 07: solenoids	Worksheet 18: RLC Circuits 2	F March 19	chapter 23	chapter 24
	Untest03	M March 22		
	Test #3	W March 24		
Lab 08: oscilloscopes	Worksheet 19: Thin Lens Eqtn 1	F March 26	chapter 26	chapter 26
	Worksheet 20: Thin Lens Eqtn 2	M March 29	chapter 26	chapter 26
	Worksheet 21: Refraction	W March 31	chapter 26	chapter 25
Lab 09: focal length	Worksheet 22: Mirror Eqtn	F April 02	chapter 25	chapter 25
	Worksheet 23: Multiple lenses	M April 05	chapter 25	chapter 25
	Geometrical Optics, Ray trace	W April 07	chapter 25	chapter 27
	Worksheet 24: Thin films	W April 14	chapter 27	chapter 27
Lab 10: reflection	Worksheet 25: interference	F April 16	chapter 27	chapter 27
		M April 19		chapter 28
	Untest04	W April 21		
Lab Makeup	Test #4	F April 23		
	TEM Waves	M April 26	chapter 24	chapter 24
	Bohr Model	W April 28	chapter 30: 30.1 – 30.4	Chapter 29: 29.1, 29.2
Lab Makeup	Last Day of Class	F April 30		
	Final Exams	May 02 – May 06		