University Physics 2 - Spring 2012 (- revised 02/21/12) - Schneider

Week	Chapters	Topics	Reading Sections	Relevent Examples	Ranking Tasks/ Tutorials	Suggested Problems (also tutorials/hw in webasign)
02/27-03/02	*Chapter 21:* **Electric Field I : Discrete charge distributions**	Electric charge and Conductors/Insulators, Coulomb's Law, Electric Field	21-1 (1/3, 3/3), 21-2 (1/2), 21-3 (all), 21-4 (all), 21-5, 21-6 (all)	21-4, 21-5, 21-12, 21-14		13, 35, 57, 71
03/05-03/09	*Chapter 21 continued*	Electric field lines, Motion of charges in Electric Fields, Electric dipoles in electric fields	"	"		above
03/12-03/17	*Spring Break - woo hoo!*					
03/19-03/23	*Chapter 22:* **Electric Field II : Continuous charge distribution**	Integrating E (finite line, infinite line, ring, disk, plane), Gauss's Law, Calculate E from Gauss's Law (symmetry)	TBA	TBA		TBA
Fri 03/23/12	**Test #3 (Chapters 21-22, +some of 33)**	* thin film inteference (case 1 2 and 3) * Net Electric field (E vector) from collection of discrete charges * Electric Field (Ex) graphs - charges on axis * Electric field (E) recipe equations (point, infinite line, ring) * Charged concentric rings (Gauss rings)				