

Physics Calendar - Electrostatics: 2013-14(Williams) - Chapter 16, 17 (13 days)

Bold and underlined means put in journal notes (for any problems: Show your work!)

1	Tu:01/21/14	GOALS: Intro static electricity <i>Warning: This unit is considered difficult..bring your "A" game!</i> <ul style="list-style-type: none"> Reminder: Need to have memorized: T, G, M, k, c, m, μ, n Demo: magnet, wall balloon, metal can Reconcile demo with notes & start HW 	<ul style="list-style-type: none"> <u>(08-01)</u> Notes: Static Electricity <u>(08-01A)</u> p 566: 1 - 3
2	We:01/22/14	GOALS: demo lab <ul style="list-style-type: none"> <u>(08-02)</u> Notes: Static PhunDay Preview Coulomb's law & conceptual quiz; start HW if time 	<ul style="list-style-type: none"> <u>(08-02A)</u> p 571: 1 - 4
3	Th:01/23/14	GOALS: Do lab <ul style="list-style-type: none"> Lab: Static Phun Day - learn for quiz 	<ul style="list-style-type: none"> R08-01 (ask)
4	Fr:01/24/14	GOALS: Computer lab sim Cool lab sims (including Travoltage) <ul style="list-style-type: none"> Electrostatic Lab Simulations lab I Combined lab quiz: Questions from computer lab and yesterday's Static Phun lab (Examview) 	<ul style="list-style-type: none"> <u>(08-03A)</u> p 581+: 15-17
5	Mo:01/27/14	GOALS: Learn about electric fields; relate to gravitational field <ul style="list-style-type: none"> <u>(08-03)</u> Notes: Electric fields concepts <u>(08-04)</u> Notes: Electric fields computations & sharp points Tesla coil torture demo; start HW (show sharp pts in pkt) 	<ul style="list-style-type: none"> <u>(08-05)</u> p 575: 1 - 3; p. 579: 1
6	Tu:01/28/14	GOALS: Master electric fields to prep. For quiz <ul style="list-style-type: none"> Do notes p. 3-7 (AB notes) - class choice: do as group or class? 	<ul style="list-style-type: none"> Efields/Coulomb quiz tomorrow <u>(08-07)</u> p 581+: 45,47, 53; p 599: 1
7	We:01/29/14	GOALS: Quiz on Efields/Coulomb's law <ul style="list-style-type: none"> <u>(08-08)</u> Notes: Lightning Take quiz (individual) - go over if time 	<ul style="list-style-type: none"> <u>(08-06)</u> Notes: Faraday cage, Leyden Jar, Van de Graaff generator <u>(08-10)</u> Notes: Voltage/PE relationship
8	Th:01/30/14	GOALS: Demo Faraday cage, go over notes <ul style="list-style-type: none"> Go over Voltage PE relationship, some sample probs Demo Faraday cage, Van de Graaff,; do Tesla coil 	<ul style="list-style-type: none"> R08-02 <u>(08-11)</u> p 626: 8,9
9	Fr:01/31/14	GOALS: Group shock, go over HW <ul style="list-style-type: none"> Go over HW, then group shock & start new HW 	<ul style="list-style-type: none"> R08-03
10	Mo:02/03/14	GOALS: HW and group quiz <ul style="list-style-type: none"> Go over HW, do group quiz 	<ul style="list-style-type: none"> P. 8-9 in pkt
11	Tu:02/04/14	GOALS: Review and prep for Test <ul style="list-style-type: none"> Go over HW Review phun lab (maybe get out phun lab stations) 	<ul style="list-style-type: none"> R08-04
12L	We:02/05/14	GOALS: Review for test <ul style="list-style-type: none"> Class choice: problems or review game 	<ul style="list-style-type: none"> Study for test
13	Th:02/06/14	<ul style="list-style-type: none"> Electrostatics Exam 	<ul style="list-style-type: none"> None