

Static Electricity and Electric Fields Calendar: 2016-17 (Williams)

Bold and underlined means put in journal notes; theme of day at start in bold

Mod	Date	Plans	Homework
1-LS	Mo: 11/28/16	<ul style="list-style-type: none"> Robots due & grade Notes (07-01) Static E. Introduction, conductors, charging up, doors & magnets – induction & polarization, Coulomb’s law, Triboelectric series, charging methods (induction/conduction), Demos, Tribo series 	<ul style="list-style-type: none"> Take 07-01 notes in journal, finish/discuss in class tomorrow (may check notes completion in class for grade)
2	Tu: 11/29/16	<ul style="list-style-type: none"> Finish yesterday’s notes, if necessary 	<ul style="list-style-type: none"> H07-01
3	We: 11/30/16	<ul style="list-style-type: none"> Coulomb’s law practice, Notes (07-02), static phun lab preview, group quiz if time permits (may shorten) 	<ul style="list-style-type: none"> H07-02
4	Th: 12/01/16	<ul style="list-style-type: none"> Static phun lab 	<ul style="list-style-type: none"> H07-03
5	Fr: 12/02/16	<ul style="list-style-type: none"> (07-03) Electric fields & vectors Lab quiz? Go over HW 	<ul style="list-style-type: none"> H07-04
6-LS	Mo: 12/05/16	<ul style="list-style-type: none"> (07-04) Sharp points, maps & review Go over quiz, HW, take Q's Shocking Tesla coil (mini lightning bolts, sharp edges) 	<ul style="list-style-type: none"> H07-05
7	Tu: 12/06/16	<ul style="list-style-type: none"> (07-05) Special Electrostatic devices Faraday cage, Leyden jar (capacitor) & preview HW time or short group quiz 	<ul style="list-style-type: none"> H07-06
8	We: 12/07/16	<ul style="list-style-type: none"> (07-06) Lightning & voltage notes (last notes) Clickers review 	<ul style="list-style-type: none"> Study for test
9	Th: 12/08/16	<ul style="list-style-type: none"> Static electricity test 	<ul style="list-style-type: none">

Sample Triboelectric Series

+	Your hand
	Glass
	Your hair
	Nylon
	Wool
	Fur
	Silk
	Paper
	Cotton
	Rubber
-	Polyester
	PVC