



**S2-Q3 2011-2012  
Physics Honors**

**wash your hands often to prevent the flu**

reading assignments include doing bullet points

"read" means before you get to class

04 January	C6.6-.7	continue HW16 $\frac{1}{2}mv^2$ $\frac{1}{2}kx^2$ $F\cos\theta$ $mgh$
05 January	C6.8-.10	<b>catapult testing</b>
06 January	C6.all	Hooke's Law Lab --HW16 due 01-08-12 at 11:59 p.m.--
09 January	review Hooke's Law Lab	review C1, C2, C3, C4, C5, C6 (lab check)
10 January		review C1, C2, C3, C4, C5, C6
11 January	finals	1/2                      3/4                      5/6
12 January	finals	7/8/9                      9/10/11
13 January	finals	12/13                      14/15 <b>end Q2</b>
16 January	<b>-Dr. MLK, Jr.-</b>	<b>=no school=</b>
17 January	<b>-Institute Day-</b>	<b>=no school=</b>
18 January	C6.all	continue with HW17 <b>C6 Q1</b>
19 January	C6.all	continue with HW17 <b>C6 Q2</b>
20 January	C6.all	Power Lab <b>C6 Q3</b> --HW17 due 01-22-12 at 11:59 p.m.--
23 January	no book req'd.	electrostatics discovery labs
24 January	-- "	electrostatics discovery labs
25 January	-- "	electrostatics discovery labs
26 January	-- "	electrostatics discovery labs
27 January	C16.1-.9	bring book today - review C16
30 January	electrostatics	HW18 opens; work together in class
31 January	C16.all	work HW18 in class
01 February	C16.all	work HW18 in class
02 February	C16.all	video 117 - work HW18 in class
03 February	C16.all	Electric Field Lines Lab --HW18 due 02-05-12 at 11:59 p.m.--
06 February	C17.1-.5	read p.470-478; start HW19 in class
07 February	C17.7-.9	read p.480-487 (skip .6); more HW19
08 February	C17.all	more HW19 in class
09 February	C17.all	HW19 in class – prep Capacitor Lab
10 February	video	Capacitor Video --HW19 due 02-12-12 at 11:59 p.m.--
13 February	C17.all	review using HW20
14 February	C17.all	review using HW20
15 February	<b>C16-17 test</b>	--HW20 due 07:30 a.m.--
16 February	C18.1-.3	read p.493-500 – start C18
17 February	Lab	Resistor Lab
20 February	<b>-President's Day-</b>	<b>=no school=</b>
21 February	C18.4-18.5	read p.501-505; start HW21 in class
22 February	C18.6-.10	read p.506-513; more HW21
23 February	C18.all	electric bill review
24 February	Lab	Ohm's Law Lab --HW21 due 02-26-12 at 11:59 p.m.--
27 February	C18.all	start HW22 in class
28 February	C18.all	HW22 in class
29 February	C18.all	HW22 in class
01 March	C18.all	GBN Solar Panel
02 March	<b>-Institute Day-</b>	<b>=no school=</b> --HW22 due 03-04-12 at 11:59 p.m.--

05 March	C18.all	HW23 opens - A.C. problems
06 March	C19.1-.2	read p.520-528 - resistors in series and parallel
07 March	C19.3	Kirchoff's rules – some HW23 in class
08 March	C19.5-.6	capacitors in series and parallel
09 March	Lab	RC time constant lab
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12 March	C19.7-.8	wiring switches and outlets (in class p.552 #80)
13 March	C19.all	HW24 in class
14 March	C19.all	HW24 in class
15 March	C19.all	C18-C19 Test part One
16 March	C19.all	C18-C19 Test part Two <b>End Q3</b>
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19 March	C20.1-.3	$F = ILB\sin(\theta)$ HW25 in class
20 March	C20.4	$F = qVb\sin(\theta)$ HW25 in class
21 March	C20.5	HW25 in class
22 March	C20.6	HW25 in class
23 March	C20.7	HW25 in class
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=Spring Break=

02 April	C20.7	light review, solenoids, then HW 26 problems
03 April	C20.all	HW26 Reading for C20 is sect .1 - .7
04 April	C20.all	HW26 <i>(exit with pride assy - seniors - p3/4)</i>
05 April	C20.all	Solenoid Lab
06 April	<b>-Institute Day-</b>	<b>=no school=</b>
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<i>--HW26 due 04-08-12 at 11:59 p.m.--</i>		