

Physics Calendar - Introduction & Linear Motion: 2013-14 (Williams) - Chapters 1-2 (10 days)

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

Mod	Date	Plans	Homework
1	Fr:08/23/13	GOALS:Pix,class intro/GOALSs,groups MO! <ul style="list-style-type: none"> Show assigned seats (test seats), Take class picture will86.org website, show notes (video notes!) Bold/Underlined → put in journal Syllabus highlights, inflated pts (2x, test ~15 pts/day), journal, participation, activities/challenges, no book Get to know each other to form 4 groups of six by Mo. Show objectives and link to notes Get to know each other to form 4 groups of six by Mo. (leaders, president) 	<ul style="list-style-type: none"> Get all class materials by Mo (calculator, journal, book, for pts?) (01-01) Notes: prefixes, factor labeling, dimensional analysis (p. 23), 4-step method, SI units; preview HW:2,4,5,6 Notes Quiz Tu, 10 min after class start (10 pts)
2	Mo:08/26/13	GOALS:See how much physics you know at semester start <ul style="list-style-type: none"> ROE pre-course (all period, test how much physics you know prior to the class) 	<ul style="list-style-type: none">
3	Tu:08/27/13	GOALS:Pick groups/pres/leaders <ul style="list-style-type: none"> Notes Quiz, 10 pts, 10 min. after bell (closed notes) "Officialize" new groups (notice calendar!), sit there Journal expectations (assignment #, show work, no spiral) Go over quiz, Group HW Quiz (5 pts), start HW 	<ul style="list-style-type: none"> (01-02) Do p. 15: 1-5; p. 25: 2-5 May do journal check tomorrow
4	We:08/28/13	GOALS:Intro vectors/scalars, 4-step method <ul style="list-style-type: none"> Clickers assigned, do clic Go over HW Quiz (01-03) How to use calculator EE button (no quiz):3 Demonstrate acceleration (def. ex dir OR speed) Bring up all journals and grade group same time (5 pts) 	<ul style="list-style-type: none"> (01-04) Review p. 27: 10,11,13,14,29-36,38 (01-05) Notes on linear motion: displacement & velocity (vectors vs. scalars), 4-step method or do at home:7,8
5	Th:08/29/13 Meet the teachers 7p	GOALS:accelerationvs velocity/speed <ul style="list-style-type: none"> Notes quiz, go over THEN pkt 130828 sheet Show time relationship: position, velocity, acceleration (each slope of other) Start HW or preview next notes (HW) 	<ul style="list-style-type: none"> (01-06) p. 47: 1-6 (01-07) Notes on accelerated motion:14
6	Fr:08/30/13	GOALS:Solidifyx,v,a with slopes & intro area <ul style="list-style-type: none"> Notes quiz, go over Intro graphing concept of area (accumulation) vs. slope (rate of change) & relationships of xva Demo Tracker: <u>130829TennisballrollingdownarampTracker</u> Group quiz sheet/start HW 	<ul style="list-style-type: none"> (01-08) p. 49: 1-5 (01-09) Notes on three different graphs and three things to read from graphs:9,10,11
7	Tu:09/03/13	GOALS:Practice problems <ul style="list-style-type: none"> Notes quiz, go over, Intro Moodle - do Moodle assignment Reminder: ROE pre-test tomorrow (do your best, no points) 	<ul style="list-style-type: none"> (01-10) p. 55: 1-4 Work on Moodle, due day before test! (01-11) p. 58: 1-6
8	We:09/04/13	GOALS:Demonstratexva knowledge on a practical problem <ul style="list-style-type: none"> Demonstrate ball on ramp (no more than 10 to 15 min, then on your own!) Tennis ball rolling down a ramp (lab), due tomorrow at start of class (1 per group...or split up group if you want) 	<ul style="list-style-type: none"> (01-12) p. 59: 1-6 Moodle due tomorrow!
9	Th:09/05/13	GOALS:Get ready for BIG test! <ul style="list-style-type: none"> Go over first explanation paper; Collect lab, go over Moodle hints/help Remind that all questions based on objectives! Anything class wants to do to prepare for test 	<ul style="list-style-type: none"> Study for test
10	Fr:09/06/13	<ul style="list-style-type: none"> Test: Linear motion. Chapter 1, Chapter 2 sections 1-2 	<ul style="list-style-type: none"> Hug your parents...they love you!