

AP Physics C - Syllabus for weeks of August 30, 2021 – September 10, 2021

Mr. Forrest/ AP Physics C: 2021/2022

Daily schedule for the week of August 30 – September 3	
Monday, 8/30	1) Check, go over the Ch. 3 vector HW 2) Introduce ILDs and go through examples 1 & 2 as a class, then practice #s 3-8 in groups. 3) HW: Complete ExpertTA for Tuesday by 5:01 AM, and notes for Ch. 2 reading quiz on Wednesday (show example of great notes, if not done earlier)
Tuesday, 8/31	1) Check the ExpertTA – did things go all right? 2) Continue with practicing ILDs and possibly present them
Weds., 9/1 <i>Two hour delay!</i>	1) Ch. 2 reading quiz (notes required for a full score) and discussion 2) Finish ILD presentations 3) Hey, calculus! (If time) 4) HW: Complete Ch. 2 conceptual questions (on sheet) for this Friday. Exercises and problems 7, 10, 20, 27, 39, 49, & 57 for Wednesday, 9/8
Thursday, 9/2	1) Hey, calculus! 2) Card sorts
Friday, 9/3	1) Check/go over Ch. 2 conceptual questions and work on the Ch. 2 HW (possible example problems) 2) HW: Balloon drop project due on Tuesday, 9/7.

Daily schedule for the week of September 6-10	
Monday, 9/6	LABOR DAY, NO SCHOOL
Tuesday, 9/7	1) Balloon drop project → lab write up due on Friday (handout given in class) 2) Buttermilk challenge discussion 3) Card sorts (continued)
Weds., 9/8	1) Check/ go over Ch. 2 HW 2) 1-D TIPERS
Thursday, 9/9	1) AP Central overview and practice AP free response, multiple choice in class
Friday, 9/10	1) Collect lab write-ups for balloon drop (1 page) 2) 1-D TIPERS? 3) <i>We'll have our first test next week (maybe Wednesday?).</i> To earn a curve, you'll need to have your Ch. 1, 3 and 2 HW corrected. 4) Finding g lab – introduction, research and methodology

COMMONLY MISPRONOUNCED EQUATIONS

$$F = G \frac{m_1 m_2}{r^2}$$

FUH-JAM-ER

$$E = mc^2$$

EM-CAH-TOO

$$a^2 + b^2 = c^2$$

AT-BOOT-COOX

$$A = \pi r^2$$

APP-ER-TOO

$$H = -\sum p_i \log p_i$$

HA-SPLOG-PEE

$$PV = nrt$$

PAV-NURT

$$e^{i\pi} = -1$$

EYE-PIN

$$F = ma$$

FEE-MAH

$$\frac{\partial^2 u}{\partial t^2} = c \frac{\partial^2 u}{\partial x^2}$$

DOOT CAH-DOOX

$$f'(x) = \lim_{h \rightarrow 0} \frac{f(x+h) - f(x)}{h}$$

FAX-LIM-OH FAX-UH-FOX

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

ZA-BO-BA FAK-TOH-AH

