

Welcome to A.P. Physics 2 – *I'm so glad you're here!*

Please note that this first syllabus is TENTATIVE – THINGS MAY VERY WELL CHANGE!

- Thurs. 8/15
- 1) Roll call, 3 x 5 card activity, handout, formula sheets, seating activity, tornado, fire and ALICE, etc.
 - 2) Seating activity with cards → discussion of groupings!
 - 3) Begin discussion of mindset as a **2nd year physics student** (AP2 vs. AP1)
 - 4) Other info. - (Mid-Ohio field trip) and hand out textbooks
 - 5) Fill out questionnaire for Friday
 - 6) What do you remember about circuits? (Whiteboard)
 - 7) HW: Have a composition book by Monday
- Fri. 8/16
- 1) How to use electric instruments (multimeters, etc.) in lab
 - 2) Resistance is Futile – challenge! First on a whiteboard with explanation.; an analysis will be due as a Google Doc after everyone has their device
 - 3) So as a class, what do you want out of physics? (And go over responses on questionnaire)
 - 5) HW: Read Ch. 22 for Monday. Please take notes for a reading quiz. I probably won't take a grade on the first reading quiz, but let's see how you do! Generally, I'm looking for if you got the main points, not for complete understanding.
- Mon. 8/19
- 1) Class discussion and reading quiz
 - 2) Discussion of Kirchhoff's Laws and how they are useful, power and energy dissipation, and important terms (such as electrical potential) and resistivity
 - 3) Go over rules for circuits and circuit examples – complete for Thursday
- Tues. 8/20
- 1) Begin Kirchhoff's Laws Labs in class
 - 2) HW: Complete Conceptual Questions (not problems) 5, 9, 10, 15, 16, 22, 24, & 29 for Friday
- Weds. 8/21
- 1) Work on Kirchhoff's Labs
- Thurs. 8/22
- 1) Go over practice circuits
 - 2) Continue with Kirchhoff's Labs (should be mostly done..)
- Fri. 8/23
- 1) **FACE! Certain students will be helping out with this and Mr. Forrest will be absent!**
 - 2) Go over and whiteboard the Conceptual Questions
 - 2) Work on Circuit Jamboree 2

