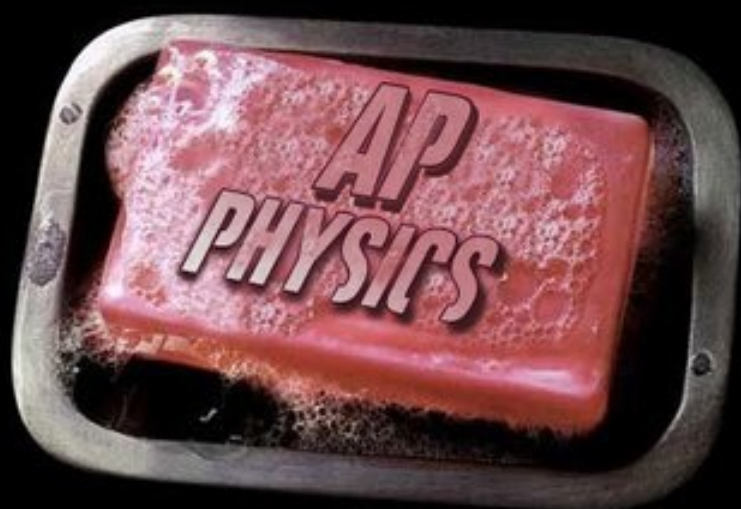


**Welcome back – I hope you all had a great break!**

*(This 1<sup>st</sup> syllabus of the semester is a bit tentative, so it'll be updated next week)*

**Our test on materials through Mechanics will be on Thursday, January 18**

- |        |      |   |
|--------|------|---|
| Mon.   | 1/7  | 1) Charged scenarios as an introduction to electricity<br>2) HW: Read Ch. 30 (Current and Resistance) for Weds. 1/9 and have notes for a reading quiz<br>3) Orbital review – an uncomfortable example   |
| Tues.  | 1/8  | 1) Rotational and orbital free response practice  |
| Weds.  | 1/9  | 1) Ch. 30 reading quiz, discussion, and sample problems<br>2) HW: Ch. 30 questions 4, 6, 7, 9, 11 & problems 2, 13, 21, 27, 29, 34, 52, and 61 → due on Mon. 1/14   |
| Thurs. | 1/10 | 1) Practice circuit in class<br>2) LAB: Resistivity of pencil lead  |
| Fri.   | 1/11 | 1) Formula Quiz – Mechanics<br>2) LAB: Resistivity of pencil lead<br>3) HW: For Tuesday, please read sections 29.5 – 29.7 (Capacitors and related topics) and write down 1 useful thing you learned and 1 question for each section – we'll have a discussion over this, but not a reading quiz |
| Mon.   | 1/14 | 1) Circuits Lab 1: Day 1  |
| Tues.  | 1/15 | 1) Capacitors discussion and examples<br>2) HW for capacitors TBA – to be due on Tues., 1/22  |
| Weds.  | 1/16 | 1) Circuits Lab 1: Day 2  |
| Thurs. | 1/17 | 1) <b>TEST:</b> Up through all of mechanics – please have Ch. 11 and 12 corrected for a curve   |
| Fri.   | 1/18 | <i>No school for students!</i>  |



## ***THE RULES OF AP PHYSICS***

- 1ST RULE:** YOU DO NOT TALK ABOUT AP PHYSICS.
- 2ND RULE:** YOU **DO NOT** TALK ABOUT AP PHYSICS.
- 3RD RULE:** IF SOMEONE SAYS "STOP", GOES LIMP, OR TAPS OUT THE CLASS CONTINUES ON.
- 4TH RULE:** ONLY TWO GUYS IN A FIGHT (FORREST VS. YOU).
- 5TH RULE:** ONE LAB AT A TIME (MAYBE).
- 6TH RULE:** NO SHIRT, NO SHOES (EXCEPT THE LADIES).
- 7TH RULE:** PROJECTS/LABS WILL GO ON AS LONG AS FORREST SAYS THEY HAVE TO.
- 8TH RULE:** IF THIS IS YOUR FIRST DAY IN AP PHYSICS, YOU **HAVE** TO FIGHT.