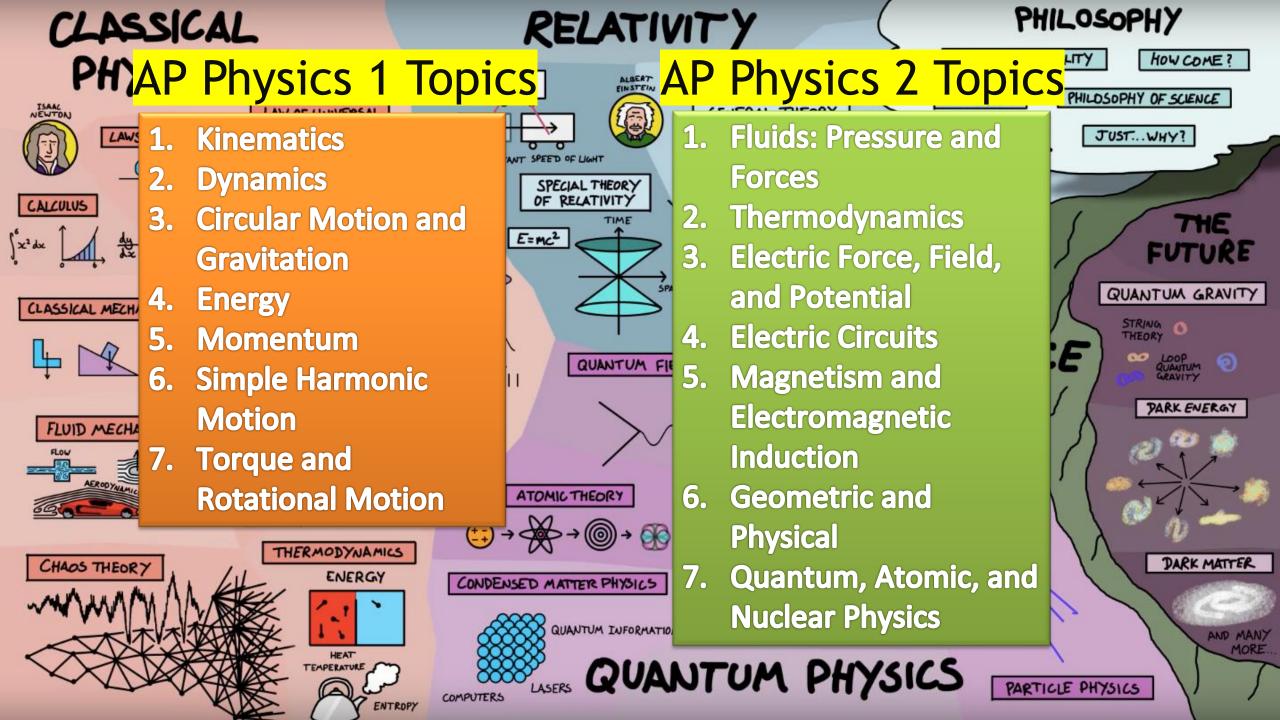
WELCOME TO AP Physics J. Seals Sealsje@fultonschools.org



Course Grades:

Major Grades:	<mark>55%</mark>
Minor Grades:	<mark>35%</mark>
Practice Grades:	10%

Major Grades:

- Tests
 - 3 sections: (Multiple choice, multiple response, free response)

Minor Grades:

- Laboratory Activities
 - Designing an experiment using physics understanding and tools available

Practice Grade:

- Quizzes
 - Student will be given various amounts of ungraded practice work. Quizzes will act as checkpoints to test student's understanding of the practice that has been provided

Expectations:

Daily Life:

- Discussion Based Lectures
- Practice problems
- Designing labs based on physics knowledge

Essential Skills:

- Strong algebra, geometry, and trigonometry skills.
- Strong problem-solving skills making connections between derived equations and phenomena discussed in class
- Self-Guided Practice outside of class

Road to Success:

- Attendance is critical
- Work the problems that are worked out in front of the class
 - Takes notes
- Find outside resources for reviewing
 - The Book
 - Youtube channels (Flipping Physics, Michel van Biezen)
- Schedule help sessions ASAP
 - Every morning at 8:30am in my room
 - Friday Tutoring Available

Expectations for exhibiting physics knowledge in AP Physics

- Computational analysis of physics variable
 - This typically involves identifying variables and working with equations to determine a missing value
- Visual representations of physics concepts
 - Reading graphs and diagrams and interpreting their meaning within physics concepts
- Succinctly making approximation using physic concepts
 - Making approximations for what will occur in a scenario even if you don't have variables to calculate it

Tips for preparing for assessments

- Take notes on Practice problems that are completed in lecture
 - ► Each unit has types of problems, any problem I work on with the class is likely one of these problem types
- Complete practice problems provided using notes, peers, and Mr. Seals for assistance
- ► Take some time to practice the problem without using assistance
 - ▶ Get as far as you can, when stuck refer to notes to finish
 - Restart the problem until you can work the whole problem without looking at notes or asking for help
- Practice explaining the problem to a peer in a succinct manner

QUESTIONS?