S369 AP Physics 1&2

COURSE SYLLABUS

COURSE DESCRIPTION: S369 AP Physics 1 and 2 is an algebra-based physics course. During the first semester, we will cover topics in Newtonian mechanics. During the second semester, we will explore a variety of topics in electricity, waves and sound, and light.

CRITICAL LEARNING STANDARDS:

- Mechanics: Students will be able to demonstrate knowledge application of Newtonian mechanics.
- Fluids & Thermodynamics: Students will be able to demonstrate knowledge application of in fluids and heat.
- Electricity & Magnetism: Students will be able to demonstrate knowledge application of electricity and magnetism.
- Waves & Optics: Students will be able to demonstrate knowledge application of waves and optics.
- Modern Physics: Students will be able to demonstrate knowledge application of atomic and nuclear physics.

CLASSROOM EXPECTATIONS AND SUPPLIES NEEDED: Students should arrive to class each day prepared to learn. This includes punctuality and having appropriate materials:

- charged iPad
- pencils
- eraser
- scientific calculator (graphing calculators are not necessary)

TARDINESS: A student is tardy if not in the assigned seat or area at the start of the bell.

TECHNOLOGY EXPECTATIONS: Students are permitted to utilize electronic devices in a classroom or other instructional setting when such use is **directly associated with an academic purpose and is authorized by the classroom teacher**.

ACADEMIC DISHONESTY: Academic dishonesty refers to cheating, copying, plagiarizing, or otherwise representing the work of others as one's own through verbal, written, graphic, electronic, or other means.
Incidents of academic dishonesty will be reported to administration. Academic dishonesty can result in significant disciplinary consequences.

TUTORING: By appointment – supports provided before school, after school, and periods 1-8 in the tutoring hallway for Science, Social Studies, Math and English.

RELATED CLUBS/ACTIVITIES: Science Olympiad, Robotics Club, WYSE

GRADING PROCEDURES

LATE WORK: In an effort to prepare students for college and careers, it is imperative that all students understand the importance of deadlines. All due dates will be communicated, and students will be given an ample and appropriate amount of time to complete assignments. Students are expected to complete all assignments by the assigned due date. Late work will be accepted for up to 5 school days after the original due date. After that, the assignment may remain a zero.

In order to avoid late work penalties, it is the students' responsibility to closely monitor assignments and due dates, and they must communicate anticipated issues prior to the deadline. Students who have an excused absence are allowed a day per absence to make up the in-class work.

Course Categories and Weights

S369 AP PHYSICS 1&2	
Category	**Weight**
Class Work	30%
Tests and Quizzes	50%
Final Exam	20%

INFINITE CAMPUS FLAGS		
T	Turned In	Does not change the score
M	Missing	Changes the score to Zero %
L	Late	Does not change the score
I	Incomplete	Does not change the score
CH	Cheated	Changes the score to Zero %
X	Exempt	The assignment is not visible to parents or students on the portal. The assignment does not count toward grade.
DR	Dropped	Visible on the portal, but does not count toward grade