COURSETITLE AP Physics1: Algebra-based

ROOM: 363 PHONE 770.781.2264 EXT: 100363

AP Physics 1 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of physics through classroom study, in-class activity, and hands-on, inquiry-based laboratory work as they explore concepts like systems, fields, force interactions, change, conservation, and waves. Students are expected to take the AP exam in May. This course conforms to College Board topics for the Advanced Placement Physics 1 Examination. This course requires a rigorous college level lab component and utilizes a college text.

Course Standards can be found at <a href="https://www.georgiastandards.org">www.georgiastandards.org</a> or you can post them on your webpage and/or offer a copy to parents. Students and parents must be made aware of how you will provide standards and how they can gain access to them.

Students will complete assignments using WebAssign (the online textbook), AP Classroom, as well as in class laboratory experiments.

Students cane come for help during IF once an IF Pass is obtained.

Make up work is defined as work assigned during a student's absence, not work assigned prior to an absence. The student has five (5) school days upon returning to school to complete make-up work. The teacher has the discretion to grant a longer period to make up work, if there are extenuating circumstances.

= 50% (1<sup>st</sup> Sem. Course Work) + 50% (2<sup>nd</sup> Sem. Course Work) 1<sup>st</sup> and 2<sup>nd</sup> Semester Course Work = 75% Summative + 25% Formative

 $A = 90 \quad 100$ 

B = 80 89

 $C = 70 \quad 79$ 

Failing = Below 70

Formative Assessments include, but are not limited to homework, class work, practice tests, rough drafts, and sections of projects/research papers/presentations.

Summative Assessments include, but are not limited to unit tests, final projects, final essays, final research papers, and final presentations.

All learning resources, both print and digital, are meant to support and enhance the student learning experience of this class. Below are the names of the textbooks and websites that will be used in this course. Some of the web-based resources require parent permission per federal regulations. Federal laws that guide parent permission requirements are as follows:

The school is required by CIPA to have

technology measures and policies in place that protect students from harmful materials including those that are obscene and pornographic. Any harmful content contained within inappropriate sites will be blocked. <a href="http://fcc.gov/cgb/consumerfacts/cipa.html">http://fcc.gov/cgb/consumerfacts/cipa.html</a>

COPPA applies to commercial nformation from children under 13vears of

companies and limits their ability to collect personal information from children under 13 years of

| Georgia Public Broadcasting | GPB Chemistry & | <u>GPB</u> |
|-----------------------------|-----------------|------------|
| Streaming Inquiry Labs      | <u>Physics</u>  |            |
|                             |                 |            |

| Parent Initial for Approval ** | Name of Resource               | Website   | Privacy Policy |
|--------------------------------|--------------------------------|---|----------------|
|                                | NSTA Podcast for the Classroom | Blick on Flicks   | Policy         |
|                                | M.I.T.<br>OpenCourseware       | M.I.T. <u>Science</u> ,<br><u>Technology</u> , & <u>Society</u> | Privacy Policy |
|                                | Phyphox                        | App Store or<br>GooglePlay                                      | Privacy Policy |
|                                | Universe and More              | Universeandmore.com e   | Policies       |

HHMI biointeractive

## AP Classroom Login Information

As a part of their participation in AP Courses, students may be expected to utilize accounts created with the College Board via their official website. These accounts provide students with access to AP Course