

What is Physics???

- The Study of how things move: Footballs, rockets, cars, planets, electrons, sound and light.
- **A class in which you will do many hands on labs, group work, and get to spend time outside.**
- One of the three core branches of science, along with Biology and Chemistry
- A class that **colleges love to see on your transcript**
- The course that many freshmen describe as their most difficult course; take physics in high school to have a preview of college physics, or to test out of it!

“Physics was my most applicable high school class.”

–Louisa Serpe, Timberline class of 2013, current Engineering Student

Which class should I take???

***Physics pre-reqs are based on MATH.**

Course	Math requirement	Previous Physics class needed?	Description
Physics	<u>Geometry;</u> Algebra 1 with instructor approval	No	This is an Algebra based, introductory high school level physics course. Students will study motion, and forces that produce motion; heat and energy; sound, light, and electricity. This course is prepares students for further work in AP Physics.
AP Physics 1	<u>Algebra 2;</u> Geometry with instructor approval	No; can be taken after Physics	This is an algebra-based, introductory college-level physics course that explores Newtonian mechanics (including rotational motion); work, energy, and power; mechanical waves and sound; and introductory, simple circuits. This course prepares students for the AP® Physics 1 College Board examination.
AP Physics C	Taken at the <u>same time as Calculus</u>	Yes, <u>either Physics or AP1 must have been taken already</u>	Calculus-based college- or university-level lecture and lab class, which emphasizes classical mechanics and electromagnetic theory. The application of basic physics principles through problem solving is emphasized. This course prepares students for the AP® Physics C College Board examination. It is offered based on sufficient enrollment.

Please contact Lindsay Davis with questions:

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