AP Physics 2:

Description:

AP Physics 2 is equivalent to the first semester of college algebra based physics. Topics covered include electricity, magnetism, optics, thermodynamics, fluids, nuclear, and quantum physics.

Expectations and Goals:

Students in AP Physics 2 are expected to attend class every day. Students are expected to be on time every day. Students are expected to work through the entire class period. Students are expected to take tests the day they are given. AP Physics 2 students are expected to prepare for exams by working enough problems to be up to speed on the material. Students are expected to put conscientious effort into all work, especially lab reports. The goal of the class is to prepare students for algebra based college physics. This is a required class for careers in the health and life sciences.

Estimated Homework:

Homework will include lab reports and practice problems. Time per week will vary but average around 5-10 hours of work and study.

AP Physics 2 is intended for the following students:

1. Students who plan to pursue study in the life sciences in college
2. Students who plan to seek admission to professional school in the health area such as medicine and pharmacy
3. Students seeking admission to selective colleges

AP Physics 2 is NOT intended for the following students:

1. Students looking to avoid any other science class
2. Students signing up to get a particular teacher
3. Students signing up to avoid a particular teacher in another class
4. Students seeking an easy A
5. Students seeking to add another AP to impress colleges
6. Students signing up to be in a class with their friends

Students in AP Physics 2 are expected to have a track record of above average performance in math and science classes. This includes taking math and science classes at TPHS or another reputable school. Above average performance is A work in math AND science at a reputable school. Students are expected to be strong in algebra, geometry, and trigonometry and possess the ability to intake a large amount of material quickly.