

Advanced Placement Physics B Frequently Asked Questions

What is AP Physics B?

This course provides a systematic introduction to the main principles of physics and emphasizes the development of conceptual understanding and problem-solving ability using algebra and some trigonometry. In most colleges, this is a one-year terminal course including a laboratory component and is not the usual preparation for more advanced physics and engineering courses. However, the B course provides a foundation in physics for students in the life sciences, pre-medicine, and some applied sciences, as well as other fields not directly related to science.

Why should I take AP Physics B?

Students who understand and are willing to accept that academic classes will become increasingly rigorous through high school and college often take AP classes to prepare themselves for these challenges. AP classes are weighted more than other classes and they look great on college applications if you're willing to put in the necessary work. The AP Exam, taken at the end of the year, offers the opportunity to earn college credit (often worth thousands of dollars in tuition) while still in high school.

How much and what type of work will I be doing?

A 90-minute class typically includes discussion and notes and lecture about a specific physics topic for about 30 minutes. The remainder of the class is usually spent doing an activity such as a laboratory experiment, group work or reading discussions.

You should expect to work one-to-two hours each night. Homework typically consists of a reading assignment or questions related to laboratory assignments.

What are tests and quizzes like?

Quizzes will be given for each topic. You'll have tests at the end of each unit. The test typically includes multiple choice, calculations, and an essay question. In mid-May, each student will take the AP Exam.

What is the AP Exam?

The AP Exam is the end-of-course test for AP Physics B. It is administered by the College Board. There are two parts on the exam. Part I contains 70 multiple choice questions. Part II consists of 6-7 free-response questions. Each part counts as 50% of the score. Students have about three hours to take the exams. Scores range from 1 to 5 and students who get a 3, 4, or 5 stand a good chance of receiving college credit for their score.

Who can I talk to if I need more information?

It's likely that some of your friends and acquaintances have taken an AP class before, and talking with them might give you an idea of what's in store. The best way would probably be to speak with Mr. Blazey. You can email him at chris.blazey@nn.k12.va.us.

You can also visit the College Board's AP Biology website here:
<https://apstudent.collegeboard.org/apcourse/ap-physics-b>.

Information on AP courses was provided by The College Board. See [AP Courses](#) for more information.