

ADVANCED PHYSICS APPLICATION FORM NAME _____ DATE _____

PLEASE RETURN BY _____

COURSE DESCRIPTION

This course provides a systematic introduction to the main principles of mechanics and emphasizes the development of conceptual understanding and problem-solving ability using algebra and trigonometry, and calculus. In most colleges, this is a one semester calculus based mechanics class including a laboratory component and is a usual preparation for more advanced physics and engineering courses.

COURSE PREREQUISITES AND COREQUISITES

Completion of a physics course with a grade of B or higher along with math grades of B or higher

OR

Grades of A in all science and math classes if you have not had a physics class.

Completion of Chemistry

Enrolled in or completed Calculus

REQUIREMENTS

Students are expected to spend at least six hours per week studying physics.

Students will be expected to complete some laboratory assignments before school, after school or at home.

Students are expected to study and complete assignments on weekends and during breaks.

Students will be required to take the AP examination

Students should have a strong background in math.

PROCEDURE

- 1 Have your current science teacher sign the recommendation statement on the reverse side of this document
- 2 Read the statement on the reverse side of this document and sign
- 3 Have your parents read the statement on the reverse side of this document and sign
- 4 Return by the deadline.

PLEASE CONTINUE ON THE REVERSE SIDE→

1 Teacher Recommendation

This student has demonstrated academic ability and maturity as is capable of succeeding in an AP science class

Teacher signature

Date

2 The AP physics class is a college level, difficult, fast-paced class. It is significantly harder to receive an A in this class. The tests and curriculum will be more challenging than any class you have had in the past. You must be prepared to spend adequate time studying(Which is usually a minimum of an hour each day). You should make a year long commitment to this class and be ready for class each day. If you miss any class, you should attend a make up session immediately. The class is very sequential and there is no class time available to catch up. Make up sessions and review sessions will be held before school, after school or on weekends. Please be sure you can make the commitment of time and effort required for the class. Many students have received credit for college in the past with hard work.

I have read the above statement and understand the commitment required for this AP class. I am willing to invest the time and effort required in order to receive college credit

Student signature

Printed Name

Date

Parents signature

Date