

Advanced Physics Application Form

Name _____ Date _____

Please Return by January 23, 2013

Course Description

This course provides an introduction to the main principles of mechanics and energetics. It requires students to actively investigate the physical world and use algebraic and geometric representations to describe and compare data collected from experiments. Basic engineering principles will be explored to develop a technological understanding of the constraints on physical structures. Problem-solving labs will include computer simulations and digital data collection. This class builds a foundation for more advanced physics and engineering courses.

Course Prerequisites and Corequisites

- A or B in all science and math classes.
- Completion of Chemistry and Algebra II
- Enrolled in Pre-Calculus or other advanced math class

Requirements

Students will be expected to complete online assignments and should have a strong background in math. In addition, students will be expected to collaborate online using a class website. Therefore reliable access to the internet is advised.

Procedure

1. Have your current science teacher sign the attached recommendation statement.
2. Read the attached statement and sign.
3. Have your parents read the attached statement and sign.
4. Send Ms. Neff an email from an address where you can be reached.

Her email is: rneff@haywood.k12.nc.us

PLEASE CONTINUE ON THE REVERSE SIDE



Physics Recommendation

Current Science Teacher: _____

Please sign if you agree that this student has demonstrated academic ability and maturity and is capable of succeeding in an advanced science class.

Teacher Signature

Date

Parent and Student Agreement

Student: _____ (printed name)

The advanced physics class is a difficult, fast paced, mathematically rigorous 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 and completing online assignments (the expectation is a minimum of 30 minutes each day).

I have read the above statement and understand the commitment required for this class. I am willing to invest the time and effort required.

Student Signature

Date

Parent Signature

Date