



WELLSBORO AREA HIGH SCHOOL
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**EVERY CHILD,
EVERY OPPORTUNITY,
EVERY DAY...
STRIVING FOR SUCCESS**

INDEPENDENT STUDY PROPOSAL AP Physics C: Electricity and Magnetism

Student: Peyton McClure
Teacher: Mr. Andy Borzok
Semester: Fall/Spring 2022

The **PURPOSE** of this independent study is to provide the student with an opportunity to engage in more rigorous coursework that will help prepare him for the study of physics/biophysics in college, as well as for the AP Physics C: Electricity and Magnetism exam.

Some of the **TOPICS** covered in this course will include a calculus-based approach to electrostatics, electric fields, electric circuits, magnetism, and electromagnetism. The student will follow the AP Physics C: Electricity and Magnetism topic sequence suggested by the College Board.

ASSESSMENT will be accomplished through unit assessments and hands-on laboratory experience. The student will complete one assessment and one lab for each unit of study. The student will also keep a lab notebook that will serve as evidence of the completion of the College Board's required laboratory component for this course.

If the student does not attend scheduled meetings, does not complete assignments, or if he/she demonstrates a poor attitude or a lack of effort, he/she will lose points and may also lose the privilege of having an independent study.

The **GRADING SCALE** for this class is the standard high school grading scale:

93-100%	A
85-92%	B
77-84%	C
70-76%	D
0-69%	F

If the student successfully completes this independent study, he/she will receive 1 Science **CREDIT** (semester course).

The **TEXTBOOK** to be used for this independent study will be the following:

Kight, R. (2012). *Physics for Scientists and Engineers: A Strategic Approach*. Pearson.

Other **MATERIALS/RESOURCES** will include the AP Classroom website where the instructor will post review and practice materials that closely align with AP Physics instructional goals.

The **MEETING TIME** for this independent study will be during 1st and/or 2nd block during B days, or during Hornet Lunch.

REQUIRED SIGNATURES:



Student - Peyton McClure

9/9/22

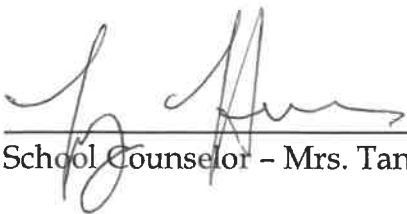
Date



Teacher - Mr. Andy Borzok

9/9/22

Date



School Counselor - Mrs. Tanya Harmon

9/9/22

Date



Principal - Mr. Jeremy Byrd

9/9/22

Date