

WELLSBORO AREA HIGH SCHOOL
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WELLSBORO, PA 16901
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FAX: (570) 724-3027

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**EVERY CHILD,
EVERY OPPORTUNITY,
EVERY DAY...
STRIVING FOR SUCCESS**

INDEPENDENT STUDY PROPOSAL AP Physics C: Mechanics

Student: Watson Feil
Teacher: Mr. Andy Borzok
Semester: Fall 2023 - Spring 2024

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/engineering in college, as well as for the AP Physics C: Mechanics exam.

Some of the **TOPICS** covered in this course will include a calculus-based approach to kinematics, dynamics, energy, momentum, and oscillatory motion. The student will follow the AP Physics C: Mechanics 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 demonstrates a poor attitude or a lack of effort, he 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 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 a designated period during the day, or during Hornet Lunch.

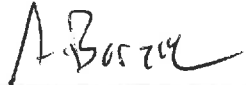
REQUIRED SIGNATURES:



Student - Watson Feil

8/10/23


Date



Teacher - Mr. Andy Borzok

8/10/23

Date



School Counselor - Mr. Matt Rendos

8-7-23

Date



Principal - Mr. Jeremy Byrd

8/10/23

Date