

PREPARE EACH STUDENT TO BE SUCCESSFUL



Physics – Room 2340

1.0 Credit

Ms. Wernicke

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School: 715-345-5400
Office Ext # 53180

Schedule:

Hr. 1: Geology	Hr. 5: Lunch
Hr. 2: Astronomy	Hr. 6: Physics
Hr. 3: Astronomy	Hr. 7: Physics
Hr. 4: Tutor Center	Hr. 8: Prep

Course Description

Physics is a year-long course that deals with the physical universe and how it works. This course emphasizes real-world scenarios, lab work, hands-on activities, demonstrations, and problem-solving.

Units of Instruction

Semester 1

- Linear motion & graphing
- Vectors & projectiles
- Newton's Laws
- Circular motion
- Impulse & momentum

Semester 2

- Work & Energy
- Electrostatics & magnetism
- Waves & sound
- Light, color, & optics

Required Materials

- Notebook or paper for taking notes
- Writing utensils
- Calculator with trigonometric functions
- Folder or binder for handouts
- Lab notebook

Resources

- Every student will be assigned a textbook
 - Online version available by request
- Class website
 - www.physicsspash.com
- www.physicsclassroom.com

Grades

The grading scale is as follows:

A	93.0-100	C	73.0-76.99
A-	90.0-92.99	C-	70.0-72.99
B+	87.00-89.99	D+	67.0-69.99
B	83.0-86.99	D	63.0-66.99
B-	80.0-82.99	D-	60.0-62.99
C+	77.0-79.99	F	0-59.99

Your quarter grades will be calculated using the weighted system outlined below.

Homework & Labs	20%
Quizzes**	30%
Exams	50%

** You may earn up to half of all missed quiz points back by making corrections. Corrections must demonstrate a thorough understanding of the material.

Homework:

- Homework problems are good practice for quizzes and exams; you are expected to put significant time and effort into their attempt.

Labs:

- Labs are performed in groups of 2-3 students, but you are expected to be *individually* capable of performing the lab and answering the lab questions.
- All labs include a write-up that may be graded based on completion or accuracy.

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Retake Policy

- You may retake any unit exam.
- You will receive the NEW score, even if it is not an improvement.
- Retakes must be completed within two calendar weeks of the original exam.
- Before you may retake an exam, you must meet with me to discuss a retake plan. This plan may include:
 - Finishing or correcting unit homework, labs, and quizzes.
 - Answering a set of review questions.

Make-up Work

- Check the Physics handout basket and www.physicsspash.com for any missed handouts, assignments, or notes the day you get back from an absence.
- You are expected to make up any missed notes, activities, or labs on your own time, before the unit exam.
- If an assignment is due during your absence, you are expected to turn it in the day you return.
 - Due dates *may* be extended, depending on the length of and reason for your absence.
- Exams and quizzes must be made up within one calendar week.

Late Work

- Work that is turned in late may receive a grade reduction of at least 10%, but not more than 50%.
- If you feel you need an extension due to *extenuating circumstances*, see me to discuss the situation.

Attendance & Tardiness

- You are expected to attend class every day.
 - Many in-class activities and labs are difficult to make up at another time.
- If you enter the classroom after the bell, you must have a tardy pass.

Participation & Classroom Courtesy

- You are expected to participate during class every day.
 - Students who take thorough notes, stay actively engaged, and fully participate in all classroom activities are more likely to be successful in this class.
- You are **ONLY** allowed to use cell phones and laptops when given permission by me.
- You are expected to be considerate of your classmates.
 - Even low level talking can be distracting for someone trying to concentrate on the lesson.

Academic Honesty & Integrity

- You are expected to do your own work to the best of your ability.
- All plagiarized assignments and copied quizzes/exams will result in a zero grade.

Need Help?

- Please talk to me regarding any questions or concerns that you have related to this class!
- I am frequently available before and after school or during my lunch and prep period (by appointment). I am always available 4th hour, in the science tutor center.

Science Tutor Center Schedule

1 st	Ms. Potter-Nelson	5 th	Mr. Akemann
2 nd	Ms. Donahue	6 th	Ms. Stroik
3 rd	Mr. Kutzler	7 th	Ms. Schmidt
4 th	Ms. Wernicke	8 th	Ms. Mielke

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