

Trimester B Physics Syllabus

Teacher: Todd Hunter

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Extra Help Hours: M, W, Th : 2:30 – 3:45 pm in G171 or by appt. as needed.

What are we learning about?

This term you will learn about roller coasters, waves and sound, light, electrostatics, and magnetism.

Text: Principles and Problems (www.physicspp.com)

Check out from Hunter to bring home. Textbook is provided for in class use.

Prerequisite: Solid Algebra skills = Successfully completed Algebra with Quadratics or Algebra II.

Class Policies: *(Please initialize each line below)*

- 1) _____ I know that I'm committing to a 2-tri class
- 2) _____ I know that I can reach Mr. Hunter via email when absent, and am expected to do so.
- 3) **I know that physics can be hard to learn and I know that I have options for learning the material in physics class.**
 - 3a) _____ **I know that** if I miss a class period, then I **ALWAYS** need to come to school early or stay after school for at least 15 minutes to go over the missed materials.
 - 3b) _____ **I know that I can retake any quiz/test** for full credit. No retakes may be completed during the last 7 school days of the trimester. Retakes must be completed outside of the normal class period. Retakes will be completed with a different version of the original assessment. Retakes may only be completed if ALL classwork and homework leading up to the assessment has been completed to Mr. Hunter's satisfaction.
- 4) _____ I understand that I will have to think about what is going on in class and explain phenomena. ***I accept that the teaching techniques in physics will not emphasize RECALLING information. This class about DOING, APPLYING, In physics, you will be asked to solve problems and THINK!!!***
- 5) _____ If I finish an assignment earlier than other students, then I will **show leadership** by helping other students complete the assignment (allowing copying this isn't), do an assignment from the AP physics textbook or work on an assignment from another course.
- 6) _____ **I need to bring 4 things to class EVERY day. The 4 things are**
 - a) lined paper without frills
 - b) a 3-hole flat folder or 3 ring binder
 - c) a TI-30B (\$15) or better calculator
 - d) a pencil
- 7) _____ **The grading standards are** A=90.0+, B=80.0-89.9, C=70.0-79.9, D=60.0-69.9, F ≤ 59.9
[B+ = top 3.0% and A- = bottom 3.0% of A range, same for C+ and D+]
- 8) _____ **My grade will be based on:**
 - **Daily Activities, Labs, and Quizzes (20%):** These are the intentional pieces I provide to help you learn.
 - **Unit Tests (65%)** – Test problems at the end of the unit will be similar to those done on homework quizzes.
 - **Final Exam (15%)** – Multiple choice problems from each unit during the term.

Expectations:

- 10) ____ I can assume that all assignments are due the next class period.
- 11) ____ I will have a folder or binder **just for** Physics. I will organize everything in the 3 rings.
- 12) ____ Mr. Hunter will randomly check the sky.
- 13) ____ Tests taken on a day I am not present must be taken as a retake within 5 school days after the original test date. I can look at the original test and key before doing the retake. Retakes must be completed outside of the normal class period.
- 14) ____ All equipment and books must be properly returned before leaving class. I know that I do not need to bring a book to class.
- 15) ____ I know that this class requires a solid investment of time and effort, as it is a class built on developing thought processes, not information regurgitation.
- 16) ____ I know that all school rules apply in Physics.
- 17) ____ I know that Mr. Hunter's #1 role is to HELP me learn Physics and that he will remain committed to that role throughout the trimester. Even when it seems like he is being a jerk, he isn't. He is just doing what he thinks is best to HELP me. If I disagree with his methods, that's a conversation that he wants me to have with him in a respectful and appropriate manner.
- 18) ____ I know that if my grade drops below a C, I need to work with Mr. Hunter to develop a plan to improve my grade using any or all of the following options:
1. Staying after school with Mr. Hunter for help.
 2. Completing any missing homework or classwork.
 3. Utilizing additional resources and completing additional practice that Mr. Hunter identifies for me.
 4. Retaking quizzes.
- 19) ____ I know that Mr. Hunter can't be bribed, but he is a nerd and loves nerd things. Should I want to disrupt Mr. Hunter's plans for the day/week, the best way to do so is to initiate a tangent on some topic of nerddom. It will take teamwork to achieve a grand tangent- plan ahead and prepare. Or, bring him a donut. Or good coffee. But, no milk= That's an automatic F.

