

# Anoka Trimester A Physics Syllabus

Teacher: Todd Hunter

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Extra Help Hours: Usually 2:30 – 3:15 pm in G171 or by appt. as arranged.

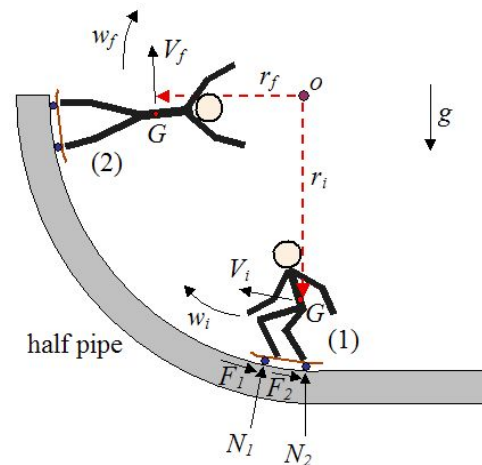
## What are we learning about? Kinematics... aka Motion.

This term you will learn how to model, graph, and express motion, Newton's 3 laws, the physics of projectiles, and circular motion.

## Suggested Text: Principles and Problems ([www.physicspp.com](http://www.physicspp.com))

Check out from Hunter to bring home.

Additional textbooks are 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 or phone 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 accept that the teaching techniques in physics will not emphasize RECALLING information.
 

**In physics, you will be asked to solve problems, demonstrate understanding qualitatively, and THINK... not just plug and chug!!!**
- 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. Some homework quiz points will be based on an up-to-date folder.
- 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 Physic 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.

Student's Printed name: \_\_\_\_\_

Student's Signature: \_\_\_\_\_

