



ETHAN CRUMP

WALDWICK HIGH SCHOOL
science

Methods of Contact

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Welcome to Physics in Room 303!

CPE Physics (Periods 3, 6, and 8)

Application Development (Period 1)

"An expert is a man who has made all the mistakes which can be made, in a narrow field"
- Niels Bohr

CPE-Physics Syllabus

Waldwick High School

Teacher: Ethan Crump	Email: crumpe@waldwickschools.org
Room: 303	Phone: WHS Main Line: 201-652-9000 Voicemail - 5108
Required Materials: The following will be needed every day for class <ul style="list-style-type: none"> • Chromebook and power adapter <ul style="list-style-type: none"> ◦ Should be fully charge • Scientific or Graphing Calculator <ul style="list-style-type: none"> ◦ Recommended Graphics Calculator: TI-84 (any version) ◦ Recommended Scientific Calculator: TI-30XIIS or TI30XA ◦ Phone Calculators are <u>not</u> suitable as they are prone to making mistakes • Pencils • Notebook or Paper for working <ul style="list-style-type: none"> ◦ Important because for some assignments I may ask you to take pictures of your work 	<p>Grades- your grade will be out of the total point system with each assignment with a specific weight. Ranges of weights for different kinds of assignments can be seen below</p> <p>Tests: 50-200 points Quizzes: 10-50 points Mini quizzes: 1-10 points Labs: 10-50 points Class work: 1-10 points Homework: 1-10 points Mini Projects: 10-25 points Projects: 20-75 points Class Participation: 1-5 points</p> <p>*The most updated account of your grades will be posted on genesis.</p>
Course Topics Unit 0 - Scientific Foundations Unit 1 - Kinematics Unit 2 - Dynamics Unit 3 - Energy Unit 4 - Momentum Unit 5 - Central Forces and Circular Motion Unit 6 - Electricity and Magnetism Unit 7 - Waves and Their Applications Unit 8 - Astrophysics Unit 9 - Geophysics	Class Expectations Students are expected to be <ol style="list-style-type: none"> 1) Respectful- both to the teacher and classmates 2) Diligent- on task and putting in the effort to learn. 3) Honest - Owns up to one's mistakes and accepts the consequences.
Covid-19: Due to the effects of Covid-19 this school year will be different then most others. The class expectation may need to change as the year develops. Any changes in class policy that need to be made will be communicated through an email and be posted to google classroom.	

Extra Help: I am happy to meet with students for extra help. Just let me know beforehand so we can set up a time either after school, during lunch, or during a free period. I will be in after school most days so feel free to come by. To get the most out of extra help I suggest you come with some specific questions you would like help with.

While Covid-19 is still a concern we can set up google meets to go over material.

Find My Mistakes: I try my best to avoid mistakes but they do happen. Please reach out if you feel I have made a mistake in grading something or on an answer key. **If you are the first person to inform me of a mistake in an answer key you will get a bonus point for the marking period.** Mistakes have to be such that the answer is wrong or a mistake that made the question impossible. You will not get bonus points for pointing out spelling or grammar mistakes.

Late Policy: You will get a 10% deduction on every day an assignment is late. The only exception is if you ask and I agree to give you an extension before the due date. For example if an assignment is due Friday and you come to me on Wednesday asking for extra time I may agree to give you an extension until Monday. If however you tell me Friday that you needed more time you will get 10% off every day it is off. If you then turn it in that Sunday that will be 2 days late and the max score you could get is an 80%. Some assignments like class participation can not be handed in late and will go in as a zero when appropriate. The late penalty will stay at 50% after 5 days meaning you can still get half credit if you hand something in 2 weeks late.

Communication: Classroom assignments will be posted on google classroom. You will be expected to check google classrooms everyday that we have class to stay informed.

The best way to reach me is through email. crumpe@waldwickschools.org

Absences: It is your responsibility to come to me or get notes from a fellow classmate when you are absent. The day you get back from an absence you will be expected to hand in any work that was due the day you missed as well as make up any tests or quizzes.

Class Rules:

1. No talking while the teacher or fellow students are presenting to the class
2. No eating or drinking in class besides water
3. One person out to the bathroom at a time during student work time. Students may not leave during lessons or presentations
4. The teacher will dismiss the class not the bell
5. No phones to be out or used during the class period
6. Face masks are to be worn at all times while in the classroom
7. Students are not share any material during class
8. Students are to socially distance themselves when possible

Consequences:

Depending on the severity of misbehavior in class the consequences will be one or more of the following

1. Verbal warning from teacher
2. Conference after class

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| <ol style="list-style-type: none">3. Teacher detention to be completed with in 3 school days4. Call home5. Conference with parent/guardian6. Referral to the office |
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Advice on how to learn Physics:

- Think of physics less as a collection of facts to be memorized but more of a skill to master like snowboarding, juggling, or playing the guitar. You master skills by practicing them, not just passively watching someone explain them to you.
- Ask for help if you are confused. You can ask me or a fellow student for help.
- Help other students with the material. Teaching something is the best way to learn it. (Sometimes when teaching you may be confronted by something you don't understand. This is also a good thing)
- During labs and demos always make predictions about what is going to happen. Never be neutral. Making a prediction will make you invested in the result.
- Getting things wrong and making mistakes are not enjoyable but are how we confront misunderstandings and allow us to get better. Try to have the attitude that I will get it wrong now so I can get it right on the test.
- It can be helpful to see others explain a concept. There are a lot of great youtube videos and websites out there to help you learn physics. Look at the documents below to see a list I compiled

[Recommended YouTube Channels](#)

[Helpful Websites](#)