

General Physics
Eric C. Wolgemuth 2024-25

Course Length	1 year
Credits	1.0
Course Description	General Physics is a general high school science course the examines motion, forces, waves and other related physical phenomena
Course Objectives	At the end of this course students will be able to: <ul style="list-style-type: none">✓ Evaluate physical scenarios involving motion, forces, energy, waves and related phenomena✓ Create effective models to quantitatively describe physics situations from given conditions through final solutions✓ Work within a team to design and conduct physics labs✓ Work independently to write comprehensive lab reports to meet given criteria

Comprehensive syllabus including my philosophy of teaching can be [found HERE](#):

Materials

The following is a list of all materials you are expected to bring with you to class every day, unless otherwise instructed: ●

A laptop or district issued Chromebook computer

- Mr. W Physics Classroom Website: <https://misterwghhs.s3.amazonaws.com/index.html>
- I will provide TI-30 (or similar) calculators for classroom use. Please note: I do not allow students to use their computers for calculators during exams so students should be proficient using calculators capable of doing basic trig functions.
- We will ALWAYS use pencils for classroom tests (I have plenty of spares!). I also provide paper and pens and I usually have a supply of 3-ring notebooks too!

Assessments

Summative assessments are given at the end of each unit and make up a significant part of the semester grade.

Graded & Ungraded Quizzes

Quizzes are given approximately once a week. It is important to note that some of those quizzes are 'formative' in that they are usually short quick assessments to take a quick snapshot of how the unit is progressing allowing me to make adjustments in my teaching.

Occasionally and especially during long units, short (usually 15 - 20 minutes) quizzes are given to verify that students are progressing appropriately. Those quizzes are graded and apply to students' semester grade.

Lab Reports

Students will work within their lab groups to design, conduct and discuss their lab investigations. However, under NO circumstances will students share written work as the Lab Report must be done individually and is an important part of their semester grade.

Homework

I expect students to review our work and to do a reasonable amount of work (usually 30 minutes or less) each night. That is learning time and is therefore not graded.

Re-Assessment

Retakes are available for most quizzes and tests. Additionally, if I'm uncomfortable with the level of a student's performance on a lab or other written work I will conference with that student and request a second draft.

Classroom Expectations

Everyone in our class (including the teacher) are expected to: Show Respect, Make Good Decisions, Solve the Problem

Code of Academic Integrity:

Gig Harbor High School is first and foremost an academic community; its fundamental purpose is the pursuit of knowledge. Essential to the success of this educational mission is a commitment to academic integrity. Every member of our school community is responsible for upholding the highest standards of honesty. Students, as members of the community, are responsible for adhering to the principles and spirit of the following Code of Academic Integrity:

Academic Dishonesty Definitions:

Activities that have the effect or intention of interfering with education, pursuit of knowledge, or fair evaluation of a student's performance are prohibited. Examples of such activities include but are not limited to the following definitions:

1. **Cheating:** using or attempting to use unauthorized assistance, material, or study aids in examinations or other academic work or preventing, or attempting to prevent, another from using authorized assistance, material, or study aids. *Example:* using a cheat sheet in a quiz or exam.
2. **Plagiarism:** using the ideas, data, or language of another without specific or proper acknowledgment. *Examples:* Copying another person's program code, article, or computer work and submitting it for an assignment, cloning someone else's ideas without attribution, failing to use quotation marks where appropriate. Copying and pasting ANY information from the internet without proper attribution. Copying and pasting ANY information from another person or source without proper attribution.
3. **Facilitating academic dishonesty:** knowingly helping or attempting to help another violate any provision of the Code. *Example:* working together on a take-home exam, etc.

If a student is unsure whether his action(s) constitute a violation of the Code of Academic Integrity, then it is that student's responsibility to consult with the instructor to clarify any ambiguities.

Parent Communication: Please contact me at wolgemuthe@psd401.net or in my classroom 253-530-1517 (outside of school hours please) with any questions.