

Ruben S. Ayala High School Science Department
CP Physics **Mr. Daugherty**

Physics is considered to be the most basic science, since it provides an understanding of the every-day and the exotic; unfortunately, to gain this understanding requires quite a bit of math, which is why some people feel that it is the hardest of the introductory sciences. We have restructured our course to minimize the mathematics at the CP level and concentrate on the concepts. This conceptual approach will allow students to remain successful on the state mandated tests as well as become fully prepared for possible further college courses.

REQUIRED MATERIALS: what you must have every day

Study skills materials: school issued Chromebook (or personal laptop), pen, pencil, standard-sized paper, **3 ring binder (with physics hw/notes)** and **scientific calculator**.

Book: *Conceptual Physics* by Paul Hewitt. We have a digital version of this text available in PDF format on our google classroom and a class set for use at school. If you have computer issues (hopefully temporarily) then a hardcopy will be checked out to you.

We will also be piloting a physics book from biozone during the first semester. I will provide students with access to these materials as soon as I am sent them from the district.

ASSIGNMENT EXPECTATIONS:

Assignments will include:

1. Standard chapter work: guided outlines (you print these), vocabulary, textbook questions, worksheets (usually printed for you), etc.
2. Lecture notes
3. Labs & Projects
4. Quizzes, Tests, and a **cumulative** Final Examination (each semester)

Classwork and Homework: Turn your work in **on time**. Any assignment that is not turned in by the beginning of the class period (up until our unit test) will receive a maximum of 75% credit. Any assignment turned in after the day of our unit test will only be receive a maximum of 50% credit.

Students must also leave a screenshot of their completed work and leave a private comment on google classroom in order to submit late work.

If you feel that there exists a reasonable excuse as to why an assignment will be late, make sure to email me ASAP with your reasoning. This email must be submitted to the instructor BEFORE the assigned due date.

This form does not need to be printed.

Grade categories:

- **Homework & Classwork 40%**
- **Labs 20%**
- **Test & Quizzes 40%**

Labs are considered summative assessment, meaning summative assessments compromise 60% of your grade.

Quizzes: These are given randomly and without notice. Missed quizzes will be pro-rated by the following test. Example: an 82% on the chapter 2+3 test would give you an 82% on a Ch. 2 quiz that you missed.

Labs: Laboratory safety is one of our prime concerns. Horseplay of any kind within the lab will not be tolerated; a zero for the activity and an administrative referral are the usual repercussions.

Notes: You are expected to take notes during lecture. These should be kept on loose-leaf paper and kept in a 3-ring binder until they are turned in with that chapter's HW.

Students may use notes on one side of an 8.5"x11" piece of paper on tests/quizzes. I heavily encourage students to take their notes by hand as drawing is very important in understanding physics.

Classwork / Homework: Homework will usually include problems from the chapter supplemented with worksheets as needed. Most assignments have a due date soon after being given; these are stamped to show how much was completed/attempted on time. All work should be completed (an assignment turned in without a stamp is still worth ½ credit) and included in the HW packet, with or without a stamp; this is usually organized the day of a test or quiz and turned in at that time. Corrections should be made to incorrect problems which have been gone over in class. HW packets should be stapled together so that all holes line up for insertion into a 3-ring binder; this physics binder does not need to come to school, except for the final, where you are allowed to use it as reference.

Tests: These are usually worth 100 points, cover 1-2 chapters, and will generally include at least one sample AP Exam-styled free-response problem. Partial credit is given on free-response questions. All tests will be judged impartially to decide if a curve is appropriate; curves will never lower your grade. AP Exam reference materials will be available for each test. You may also prepare a note-page on one side of an 8.5"x11" sheet of paper, handwritten, to use during your test; these may also go into your physics notebook for use on

This form does not need to be printed.

Ruben S. Ayala High School Science Department
CP Physics **Mr. Daugherty**

the final use any handwritten notes, created by you during our course, on the test/quizzes.

You have the following two office hours to make-up a missed test. If you do not show up to take the test, it will be based on your **uncurved** final; missed tests due to extended excused absences will have their scores based on the curved final.

Final: A cumulative exam in a multiple-choice format will be taken each semester. It will be curved. If your score on the final is better than your worst test score, and no trancies have been accumulated, then that lowest test will be dropped from the grade calculation; if there are not more than 2 tests on record, then nothing can be dropped. You may use anything that you have produced throughout the year, organized in your physics binder, on the final.

Grade Distribution				Work Habits
A+: 100-99%	A: 98-92%	A-: 91-90%	B+: 89-88%	O
B: 87-82%	B-: 81-80%	C+: 79-78%	C: 77-72%	S
C-: 71-70%	D+: 69-68%	D: 67-62%		N
	D-: 61-60%	F: < 60%		U

This form does not need to be printed.

Rules

Only Rule: Mutual Respect

I will respect your right to learn.

You will respect my right to teach and that of your classmates to learn.

All following guidelines stem from our one rule:

- We will not pollute each other's environment; *possible sources of pollution being waste, graffiti, gum stalactites, vulgar language, excessively poor hygiene, etc.*
- We recognize that many people have different learning styles and that our preferred style does not supersede that of another. Therefore, during the times when we are given a chance to work independently, those of us that need quiet to think will not be pestered by our neighbors, those that must collaborate with others may do so in a polite fashion, and those that believe that they think better with an accompanying soundtrack may listen to music (if I, and other students, cannot hear it.)
- We realize that the academic efforts of others have intrinsic value that we will not degrade by theft or fraud. Cell phones are a primary tool in cheating and will not be tolerated within the classroom, unless you have requested special permission from the instructor. If you have a valid reason to use it, **ASK**; I will usually allow it.
- We will not waste the time of others; this is frequently done by interrupting the class with a late arrival, an inappropriate outburst, or a derailment of the classes' topic of the moment into the realm of the unrelated, trivial and off-subject.
- We appreciate that everyone has the right to ask questions, yet none of us should monopolize the class.

This form does not need to be printed.

Consequences:

Academic dishonesty (cheating):

Minor infractions: While you are expected to frequently work collaboratively, there is a big difference between working with someone and copying their work; crossing this line frequently results in papers being ripped in half (sometimes for a whole team).

Moderate infractions: Falsifying a document (faking a stamp, putting a new title on an old assignment, putting your name on another person's paper, etc.) is a consciously committed act that will earn a zero for an entire chapter's work packet (and a "u" in citizenship).

Major infractions: Cheating on a test will always result in a score of zero and a parent conference.

Second offense (does not apply to minor infractions): student may not earn higher than a D- in the course.

Turnitin.com: Some of your work will be expected to be typed and submitted to the [turnitin](https://www.turnitin.com) website. Assignments shown to be plagiarized will be given half or zero credit, at my discretion.

Violation of classroom rules will first result in a warning, usually followed by a classroom detention; these are served with Mr. Daugherty, after school, and will generally be spent cleaning. Detentions must be served within one week, and until a detention is served, the student loses all classroom privileges, such as use of passes and any extra credit opportunities; unserved detentions become two administrative detentions and a maximum citizenship score of "n". Further or blatant disregard of classroom rules will result in administrative referrals.

Cell Phones: Occasionally permission will be given to the whole class for use of cell phones, usually for the purpose of documenting some demonstration or lab activity. If you ask if you can take a picture of something (such as a long derivation made on the board, right before the end of class), then I usually say yes. Otherwise, cell phones will be confiscated if they are powered up and noticed and a detention will be issued. Confiscated cell phones will not be turned into the office any sooner than 3pm that day; showing up for the cleaning detention that same day, allows the phone to be returned at that time and not get turned into the office (this is allowed once per month). If any phones are confiscated from a team more than twice in a 6 week grading period, then the whole team is assigned a detention. This document is your **only** warning.

This form does not need to be printed.

Being unprepared:

- Participation in labs may be denied if pre-labs are not prepared for the activity.
- Being absent the day before the test and/or not having a note page prepared does not postpone the taking of the test.
- I do not provide study skills materials. You must have an agenda (maybe a borrowed one) to use the restroom.

General Procedures

Labelling of work: Every paper that you turn in should have a **title** at the center of the top line, and your **name** (printed), and the **date assigned** in the upper right corner, **IN INK**.

Absences: If you experience an excused absence, you may still receive credit as if you were present. Make sure you notify the instructor via email the day you were absent and which assignments were turned in late due to the absence.

Office hours: Office hours will be held Tuesday and Friday from 7:30 AM to 8:15 AM and on Wednesday and Thursday from 1:35 PM to 2:20 PM. Additional time can be scheduled via appointment. Please reach out if you need help.

Email: m_daughertysaunders@chino.k12.ca.us

This form does not need to be printed.