

**Folsom-Cordova Unified School District**  
**AP Physics 1 Course Expectations**  
**Vista del Lago High School**

**Course Description:**

AP Physics 1 is designed to be equivalent to the first semester of an introductory college-level algebra-based physics course. This course is useful for potential engineering, pre-med, science, and computer science majors, as well as anyone interested in Physics. The course covers Newtonian mechanics (including rotational dynamics, and angular momentum) and work, energy, and power. This course will prepare the student to take the Advanced Placement Examination for Physics 1. This course meets UC/CSU (Laboratory Science-d) requirements. AP Physics allows time for thorough, in-depth, student centered inquiry activities allowing students to carry out careful experiments and design laboratory practical work to answer real world questions.

**Classroom Rules and Conduct:** The following rules will apply, as well as those outlined in the student handbook.

- ✓ Be Prompt – Be logged in and ready to work when class starts.
- ✓ Be Prepared: Have needed materials ready.
- ✓ Be Productive: Participate in class work, activities and simulations.
- ✓ Be Positive: Avoid behavior that disrupts the learning process.
- ✓ Be Polite: Treat all students and the instructor with kindness.

Also, I expect everyone to follow the 4 R's for appropriate communication in the classroom:  
Respectful, Relevant, Reasonable, & Responsible

**Citizenship Evaluation**

Citizenship is reported separately from academic grades. Course citizenship includes both work habits and attitude/behavior. Good citizenship is vital to a positive, productive school environment. Please see the school handbook for citizenship levels.

**Academic Dishonesty**

All students are expected to adhere to the school wide academic dishonesty policy – see the school website for a copy of the Academic Integrity Contract.

**Grades**

Grades will be calculated in PowerSchool. Formative work will make up 30% of the overall grade, and summative work will make up 70%.

- ➔ **Formative Assessments** (Assessments *for* Learning) include: Quizzes, practice problems, discussions, exit tickets, study guides, etc.
- ➔ **Summative Assessments** (Assessments *of* Learning) include: Tests, quizzes, projects, presentations, etc.
  - ◆ There are NO retakes on summative assessments. Unit tests may be given a square root curve when the teacher deems it appropriate.

**Homework**

This course emphasizes a hands-on / lab approach and only so much work can be done in class. The purpose of homework is to provide independent practice, preparation and extended learning opportunities necessary to successfully master course content. Homework will consist of reading assignments, practice problems, lab preparations and write-ups, written assignments, and projects.

**Tests**

A test will be given at the end of each unit. A comprehensive final exam will be administered at the end of each semester. Final exam will not be administered early for any reason.

### **Late Work**

Generally, late work will be accepted at teacher's discretion.

### **Extra Credit**

Students will have adequate opportunity to demonstrate competence through quizzes, tests, make-ups, and exams. Therefore no extra credit assignments will be available.

### **Make-ups**

Students that have missed assignments due to absences are responsible for obtaining work (at an appropriate time) upon their return. Any work assigned before the student's absence and due on the day of the absence is due the first day the student returns to school. Make-up assignments must be turned in no later than one week after returning from the absence.

### **Materials needed**

Students should have: a pencil, a pen (blue or black), plenty of ruled paper, graph paper, and a scientific calculator, metric ruler, and a set of colored pencils.

### **Textbooks & class materials**

All students will be issued a textbook for at-home use. Students will be held financially responsible should the textbook be damaged or lost. This class will involve lab activities using materials that will enhance the student's learning experience. Many of these materials are expensive and/or difficult to replace. Additionally, some of these materials may present a hazard to the student or others if misused. Students who intentionally abuse any classroom materials, equipment, furnishings or personal belongings of others will be responsible for the replacement or repair costs should their abuse cause damage, and may face additional disciplinary action depending upon the severity of the abuse.

### **Communication**

I believe that communication with students' families is critical and we have several resources available to help facilitate this. The first resource is my website, which can be accessed through the Vista website at [www.fcusd.org/vdlhs](http://www.fcusd.org/vdlhs). All teacher webpages can be accessed from this site and will contain information about assignments, calendars, etc. The second resource available is the PowerSchool Parent Portal. The link to this secure resource can be found from the school website or my webpage and contains information about grades & attendance. If you do need to contact me, the best way is through e-mail, [ljmoore@fcusd.org](mailto:ljmoore@fcusd.org). The school phone number is 294-2410.

### **Frequently Asked Questions for Virtual Learning**

<b>When will our class meet?</b>	<p>Please see the <a href="#">VDLHS daily schedule</a>. YES, you must be present during our scheduled class time. <b>Attendance will be taken!</b> We will meet in our classroom on Microsoft Teams/Zoom. Please abide by the <a href="#">virtual classroom guidelines</a>.</p> <p>Our class will meet in every Tuesday to Friday for 55 minutes (see schedule). Please note, on Mondays, we will have an asynchronous assignment posted in Google Classroom.</p>
<b><u>When and where</u> will assignments be posted?</b>	<p>I will post the weekly agendas under the "Agendas" tab in Google Classroom. The easiest way to navigate Classroom is by clicking on the "Classwork" tab instead of the "Stream." This is the best place to reference your daily assignments. Please check Classroom often.</p>

	*Organization is a key component of any successful virtual learning experience. An agenda or calendar of some sort is very important to help you stay organized during distance learning.
How will I turn in my assignments?	Most Assignments will be submitted to Google Classroom.
What do I do in class?	<p>We will have class time together each day. This is called <b>synchronous</b> time, because we are all working together online at the same time. During this time, we will review material, have class discussions, collaborate in groups, work on class assignments, analyze and interpret data, and practice problem-solving. You will also have time for independent work or to ask your teacher questions. It is <b>vital</b> that you are engaged and actively participating during our online meetings. You will need to participate to get feedback about your learning.</p> <p>Each day, you will also have <b>asynchronous</b> assignments, for which you will work on your own, and learn independently at your own pace. Asynchronous assignments might include watching an online lecture or video, working on a project, practice quizzes or tests, or researching a topic before a class meeting.</p>
<b>What role does participation play in this course?</b>	Participation in this course is very important, as not only will you have the opportunity to receive real-time feedback from me, you will engage with your peers in critical discussions about content and skills. Please check out the <a href="#">Participation Rubric</a> to see how you will be assessed.
<b>What tech tools will help me be successful in this course?</b>	<p>We will primarily use Google Classroom, PhET sims, EdPuzzle, Pivot, and FlipGrid.</p> <p>You will sign up for all of these tech tools during week one.</p> <p>See this guide to online platforms used in this class.</p>

### Course Communication Quick Reference

TIP: You can print this out and keep it near your workspace when questions arise.

<b>Class Announcements</b>	All course announcements will be posted in Google Classroom.
<b>Email/Personal Messages</b>	<p>You may email (<a href="mailto:ljmoore@fcusd.org">ljmoore@fcusd.org</a>, <a href="mailto:bellis@fcusd.org">bellis@fcusd.org</a> ) or message via Google Classroom or Remind if you have questions outside of our online class time. When writing a message, please follow the expectations below:</p> <ul style="list-style-type: none"> <li>• Include your name, the class name, subject of the message (e.g., Heather Smith--Physics--motion lab)</li> <li>• Be specific about what you need in your email.</li> </ul> <p><u>Please be patient</u>, it may take up to 24 hours to receive a reply during the week and 48 hours on the weekend, so do not wait until the last minute to send a message if you need help.</p>
<b>General Questions</b>	If you have a question about the course or an assignment, I

	<p>encourage you to post your question in the Google Classroom “stream.” The stream is visible to the entire class community, so I encourage you to both ask and answer questions there.</p> <p><i>If a classmate asks a question and you know the answer, please jump in and help them out!</i></p>
<b>Online Discussions</b>	<p>Online discussions are an opportunity for you to interact with and learn from your peers. The class will regularly engage in conversations about the course content. Your participation in these academic discussions is a formative assignment.</p> <p>You are expected to post thoughtful, respectful, and well-written responses to the discussion questions and reply thoughtfully to at least two other students per discussion. Check out <a href="#">this document on Online Communication</a>.</p>

### Links to School Policies/Info

- ☐ [Attendance Policy](#)
- ☐ [Tardy Policy](#)
- ☐ [Academic Dishonesty](#)
- ☐ [Electronic Devices/Technology](#) (pg. 21)
- ☐ [Citizenship Rubric](#)
- ☐ [Virtual Learning Schedule](#)
- ☐ [Virtual Learning Policies](#)
- ☐ [Student \*\*Weekly\*\* Planning Document](#)
- ☐ [Student \*\*Daily\*\* Planning Document](#)

### Student & Parent/Guardian Signature

Please feel free to reach out to me if you have any questions:

It is easiest to reach me via **email**;

however, feel free to set up a phone or Microsoft Teams appointment at any point.

**\*Once you have read through the syllabus, please click on the following links:**



 **SIGN HERE  
PLEASE!**