RIDGE POINT

AP Physics I Syllabus 2018-2019

Mr. Edkins

Email: Lowell.Edkins@fortbendisd.com

**PHYSICS-** the science that deals with matter, energy, motion, and force

**COURSE OUTLINE:** *main concepts studied with lab applications/experiences to support learning.*

# 1st Semester-Classic Mechanics 2nd Semester- Waves & Electromagnetism

* Linear Motion • Waves
* Newton’s Laws • Sound & Light
* Momentum • Linear Optics
* Energy • Electricity & Circuits

**WEBSITE:** http://www.fortbendisd.com/Domain/4131

**MATERIALS:**

|  |  |  |  |
| --- | --- | --- | --- |
| **REQUIRED ITEMS – Bring Every Day** | | ADDITIONAL ITEMS | |
| **SPIRAL(s)**  **(3-5 subject preferred)** | **Pencil** | Pencil & Pen(s) | Dry erase marker |
| **Paper for notes/warmups** | **Multi-colored pens** | *Planner* | highlighter |
| **3-ring binder** |  | Scientific Calculator | Batteries |
|  |  | **HAND SANITIZER** | **TISSUE** |

## TUTORIALS

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Teacher** |  | **Rm#** |  | **Tutorial Times** |
| Mr. Bishop |  | N218 |  | Tuesday 6:50-7:20 am and Thur 6:50-7:20 am |
| Mr. Edkins |  | N239 |  | Monday 2:55-3:20 pm and Friday 2:55-3:20 pm |

*\*May have alternative tutorial times-available by appointment*

**GRADING**

9 weeks grading: 50% Daily Grade (participation, activities, homework, quizzes, and labs)

50% Major Grades (Tests and Projects)

Any student receiving a grade lower than 75 on a test will be given an opportunity to re-test before or after school. In order to be eligible for a re-test a student must attend and sign-in to one of the re-test tutorial sessions prior to the re-test day. The highest grade a student can make on a re-test is a 75.

### HONOR CODE

Follow all school policies in your Student Handbook.

Honesty - Do your own work. Plagiarizing, copying others homework, copying others tests or any other assignments are all forms of cheating. Cheating on a test or quiz will result in a 0 and a **retake will not be allowed.** Any student written up for cheating in my class will be ineligible to become exempt from their final exam in my class. This includes copying / taking pictures of homework for other classes. The only way to be successful is to learn to think through problems not take shortcuts.

### ABSENCES

YOU ARE RESPONSIBLE FOR ANY WORK MISSED! It is your responsibility to find out what work and/or notes that were missed and to make arrangements for make-up. Extra copies of worksheets and handouts will be available in the trays on the front table.

*The number of days you are absent is the same number of days you have to make up your work.*

### LABORATORY

Laboratory experiences are meant to illustrate concepts currently being discussed in class. You will be assigned to a lab group but while each lab group may have the same results, no group lab write-ups will be accepted. Individual lab write-ups are ***always*** due at the beginning of the period following the day we have a lab, unless stated otherwise. 10 points will be deducted if submitted late.

*Laboratory safety is extremely important*. Unsafe behavior will result in a "Zero" for the laboratory exercise, as well as a referral to your AP for discipline.

### HOMEWORK

Homework assignments are due *on the following day at the beginning of class unless stated otherwise.* By doing the homework you will increase your understanding and this *will* be quite noticeable on assessments.

**RULES AND POLICIES:**

1.

1. Abide by all rules of the district and school.
2. Cell phones must stay out of site. Their use is NOT allowed during class, unless teacher approved cell phones for instructional use only. Cell phones that disrupt class with a noise of their owners use will be taken up by the teacher without warning. This serves are your warning.
3. Headphones or ear plugs are NOT allowed in class.
4. Seating charts will be maintained in class. Sit in your assigned seats.
5. Late Assignments: 1 day late = 30 points deducted; 2 days late = 40 points deducted; 3 days late = 50 points deducted. *Late assignments will not be accepted after 3 days of due date.* No work will be accepted 3 days before the grading cycle closes. No work will be accepted after the 9 week grading cycle has closed.
6. Restroom. The 10/10 rule will be observed. Only one student at a time may leave class for the restroom. No restroom pass will be given while instruction is being given. Please try to take care of your restroom breaks during the passing period.
7. Students must remain seated in class until the bell sounds. Crowding the door before the bell sounds is not acceptable.
8. Disruptive behavior is not accepted. Parents/guardians will be contacted if this occurs.
9. ***Food, candy, gum and drinks will not be allowed in the room.***

**Note To Students And Parents**

It is my genuine pleasure to have the opportunity to teach this AP Physics II class. I look forward to an excellent year. In this classroom I will be focusing on preparing the student for the AP test and college. As stated in the syllabus, I will be assigning homework often. This homework will vary in difficulty from simple problems to those that will promote a higher level of thinking and problem solving. The purpose for the high level of rigor is so that if the student understands and completes his/her homework assignments, the quizzes and tests will be a mere formality. However, if the student does not complete the homework, the quizzes and tests will be very difficult for them.

If any parent wishes to speak with me I encourage you to email me at [Lowell.Edkins@fortbendisd.com](mailto:Lowell.Edkins@fortbendisd.com). If further discussion is needed/requested I will be happy to call you back or setup a meeting. I very much welcome every, and all input toward my class as long as it is constructive and respectfully offered. If you have an idea for a lab or project, or even possibly a more efficient way to teach a subject to your child I very much welcome your input. I do not pretend to know everything, and I am a big fan of knowledge, so if you have input please share.

I am very serious about my cheating policy stated above. Cheating has become a problem in secondary education. It seems that students have become increasingly creative in the way they attempt to cheat. If your child is caught cheating I will give a zero for that assignment, call the parent or guardian, give them a referral, and they will not be allowed to be exempt from this class for the final. If this unpleasantness were to occur with your child I would encourage you to know that in college if they are caught cheating on an assessment their punishment will be far more severe than that I am setting. To clarify a bit more about what I mean by cheating…

1. Using unauthorized material during an assessment (such as cheat sheet, cell phone, etc)
2. Talking during an assessment. (I have a zero talking policy during assessments. Do not make me assume the worst)
3. Looking at another students assessments.
4. **Allowing someone to look at your assessment (**If it becomes evident that a student is assisting in cheating they will punished as if they cheated themselves. A warning ***MIGHT*** be given on a first offense.)
5. Any other form of activity deemed cheating by the instructor that is not listed will be discussed with the student’s parent.

It is my desire to never have this unpleasant conversation with any parent, however, I will not look the other

way regarding these offenses. This cheating policy is in regard to my assessments. I HIGHLY encourage students working together for homework, projects, and studying. I encourage working with parents as well. If a parent, neighbor, sibling etc etc knows the subject matter, I would encourage assistance. However, if the student is not completing the assignments in a way that promotes their own understanding they will almost certainly fail future assessments regarding that content.

Further guidelines regarding the content being covered in this class can be found at

http://apcentral.collegeboard.com/apc/public/courses/teachers\_corner/2264.html

Please sign and return this copy of the letter. A copy of this document will be posted on the Edmodo website. It is also available upon request. I am very excited about this year and speaking to all of you in the future.

Print Student’s Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Student Signature:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Print Guardian’s Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Guardian’s Signature:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Best Regards,

Lowell W Edkins

RPHS AP Physics Teacher

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