

Physics 12 Course Syllabus 2020-21

Mr. Flink

I. Course Materials

- a. Teams course webpage. Enrolment and daily reference is required.
- b. Giancoli Physics text (online). Vector Kinematics, Dynamics, Momentum, Equilibrium, Electrostatics, Magnetism and Induction, and Special Relativity are planned topics.
- c. Class notes, handouts, downloads- an important method of information transfer for the course.
- d. Pencils/pens, scientific or graphing calculator, electronic device with wifi to access course website.
- e. White board dry erase pens for in-class group activities.

II. Classroom Policies

a. **Leaving the room:** i. If you need excuse yourself from the room ask permission. It will not be withheld for a reasonable excuse. If you abuse the privilege it will be withdrawn. ii. Dismissal from a class is at the teacher's discretion. This may mean that sometimes you kept in after the bell or it may even mean that you may be dismissed early. **DO NOT LINE UP AT THE DOOR.**

b. **Late Policy** i. Class will start on time so be in my class before the bell. If my door is open come in quietly and join the class. If my door is shut then knock once and wait patiently for me to open the door. If tardiness becomes a problem I will call home and discuss the matter with your parents.

c. **Absentee Policy** i. Attendance (in person and online) is mandatory to doing well in this course. If you think you can learn better on your own then take the course via correspondence or online. This course is very difficult to learn on your own. I cannot show you the things that you need to know or to help you through the difficult material if you are not in class. Missing classes starts a cycle of not understanding that is very difficult to overcome. The concepts presented in this course, like many others, builds upon your previous learning. If you have not been present to understand the "previous" content then learning the new material will become even more difficult.

d. **Late Assignments** Assigned work and labs are regularly given and typically due the next day. Late work will be penalized and will receive maximum 50% credit if feedback has already been provided to the class. There will be regular quizzes to ensure that you are completing the assignments. The quizzes will be based on the class assignments and discussions. Missed assignments results in poor quiz scores which partially determines your overall grade. It is up to you to get help from me if you need to.

e. **Missed Quizzes** You may have an opportunity to write a missed quiz if I am able to support the time needed. Otherwise you will miss the opportunity to write it and won't get valuable feedback on topics assessed. This will have a negative impact on your learning and grade.

f. **Tests** 1. If you have a reasonable excuse for being absent and a note from your parents then you can write the test the first class upon your return. If you have a study block that day you may be able to write the test during this block but discuss it with me first. {Note: The exam that you write may not be the same as the original one. It may end up being more difficult.} 2. If you have no note then you will write the missed test the first class upon your return. If there are circumstances that may prevent you from writing the test at that moment then bring them up with me in private before class. I may or may not give you an extension. I will not chase after you about missed tests and a missed test will receive a zero. Since the goal is to learn the Physics 12 material over time a midterm and final exam will be given- each will be treated as a retest opportunity. If you demonstrate improved knowledge of the topics (i.e.

do better on the exam than your unit tests) then your midterm and final exam mark may count for more of the overall course mark at my discretion.

g. **Electronic Devices** 1. Cell phones are a great to communicate and to find information. However they can also be distracting and can pull your attention from class activities. Please put away cell phones unless they are being used in a learning activity. Abuse of cell phone use may result being asked to leave the classroom, confiscation of cell phone, and parental contact explaining my policy. Hopefully it won't come to this. 3. All cell phones must be handed in or placed in your backpack while writing a test (not in your possession). Any cell phone seen during a quiz or test will be confiscated and a zero will be given for that quiz or test. No excuses.

III. Rights & Responsibilities

a. We all have rights and responsibilities. It is my responsibility to treat you fairly and to respect you as an individual. It is my responsibility to ensure that you receive the necessary information to learn the topics under discussion.

b. It is your responsibility to come to class prepared and ready to work. It is your responsibility to be respectful towards me and other members of the class. It is your responsibility to complete the work to the best of your ability. It is your responsibility to seek help when you do not understand the material. It is your responsibility to make up missed work and know due dates.

IV. Assessment

Assessment will occur routinely throughout the course. The grade you earn will be based on term marks worth 80% total: Labs (30%), Projects/Activities (10%), Regular Quizzes (10%), Unit Tests (50%), and Final Assessment worth 20% of the course. Refer to Ministry of Education curriculum document for more details about content and competencies.

V. Final Words of Wisdom

a. Be in class! You will more easily learn the material when you are present. This includes online class.

b. Review your class work and preview upcoming topics. Spend some time going through notes and ideas presented in class. Make sure you understand what has been said and done. If you don't, seek help. Learning will not always be easy. Learning anything that is worthwhile takes effort. Take a key from the "A" students: when they do not understand something they prioritize seeking help.

c. Keep up with your learning. Continually working on old material will interfere with your learning of the new material and this course is fast-paced. DO THE ASSIGNED WORK!

d. If you are having difficulty with the presented topics then seek help. You may have to spend a few after-class sessions to gain a complete understanding. Do not give up!

e. Recognize that we are a community of learners. Your peers in the course are encountering the same challenges as you. Support each others' learning by asking questions (and answering to the best of your ability!), questioning ideas, forming study groups and so on.

f. Going to school and doing well is a full time occupation. Please give it the time that it requires.

To acknowledge that you and your parents have read this document, **please have a parent email me stating they have read the document, indicating their name and contact phone number.**

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