**Welcome to IB Physics!!!**

We hope that our journey through the physics explored in this course will help you better understand and enjoy the world in which we live!

Your grade will be calculated as follows:

* **Tests and quizzes** make up **70%** of the marking period grade. An optional test will be offered at the end of MP1-3, to potentially increase a student’s test/quiz average.
* Your **Laboratory Grade** is worth **20%** of your marking period grade.  Your lab grade includes the quality of your participation in lab activities, and lab reports.  Labs must be stapled and handed in at the beginning of the class when they are due.  A lab that is one day late incurs a 20% grade penalty. Additional lateness is further penalized. Missing or unacceptable labs count as a zero and will not count towards the required lab hours.
  + A missed lab or activity **must** be made up during the **first** extra help session that takes place after the in-class lab, or your grade will incur a 20% grade penalty. Additional lateness will incur additional penalties. If for some reason it is not possible for you to do this, you MUST speak with me **prior** to the first scheduled extra help session.
* **Homework** is **10%** of your grade.  A missing calculator, packet, etc. counts as a missing homework.  Late homework will NOT be accepted.
* **Independent Homework Project (Ind HW):** One fifth of the homework grade (2% of your MP grade) is an activity - 2 extra help sessions, work as a lab aid, etc.  Other than attendance at extra help, your Ind HW project must be pre-approved by your teacher,and must be **completed** **by the following dates** (**MP1** – 11/2/18; **MP2** – 1/11/18; **MP3** – 3/29/19; **MP4** – 5/31/19). Possible projects - original photo including a brief summary of the physics, or original physics related video.
* **Course Grade** will be determined using the 4 marking period grades, the midterm exam and the Final Exam Grade. The Final Exam grade will be calculated as 50% Regents Exam, and  50% Local Assessment
* Most students take the **IB SL Physics Exam** in May unless they plan to take the IB HL Physics Course and Exam next year. IB exam grades are not used in determining the course grade.

**Keys to Success:** Get involved!  Ask questions! Do the homework! Don’t let yourself get behind in the work – it is really hard to catch up! Review your notes every night.

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For all assignments, activities, or assessments in this class, unethical actions such as cheating, copying, and/or plagiarism will result in *a zero on the entire assignment for all students involved!! In addition, the students will receive a Dean's referral and will be ineligible for Honor Societies.* **Although you may work in a lab group, an individual report must be the product of your own efforts.** The IB IA assessment must be submitted through turnitin.com

**Required supplies:**

* a calculator every day !  (a missing calculator = a missing homework)
* clear protractor (to measure angles) and metric ruler
* loose-leaf binder for class notes and handouts – with a separate Lab section
* a pencil and pen to all classes every day.
* stapler

**Resources:**

* Text Book – Standard Level Physics by C. Hamper.
  + Students have access to the on line eBook including solutions to all the problems.
* IB Physics Study Guide by T. Kirk
* Writing is not permitted in any of these soft covered books.
* Chris Doner IB Physics Videos
  + https://www.youtube.com/user/exportationality
* Wiki Powerpoints <https://ibphysics2016.wikispaces.com/> (may no longer be available)

**Extra Help**:

* Thursdays 2:30-3:30 Lab 7B unless you are told otherwise