**Fall and Spring Semesters 2019 - 2020**

**Department: Science**

**COURSE TITLE: Honors/Conceptual Physics**

**INSTRUCTOR (S):** Gregory George

**EMAIL**: gregory.george@cobbk12.org

**COURSE BLOG**: blog address here https://gtgeorge@weebly.com

**SCHOOL WEBSITE:** <http://www.cobbk12.org/Pebblebrook/>

**TUTORIAL / EXTRA HELP:**  Students can receive additional assistance for course content during before or after school tutorial sessions. Tutorial is held on Tuesday mornings from 7:30-8:15 with Mr. George, Tuesdays from 3:45-4:50 with Ms. Clay, and Thursdays from 3:45-4:50 with Ms. White. Please make sure you sign-up if you are planning on coming to tutoring during any of these times.

**PHS SCHOOL MISSION**

*Student Success: Every Day, Everyone, Every Opportunity – Believe You Can.*

**PHS SCHOOL VISION**

*Create a school community of purpose driven, passionate stakeholders in pursuit of excellence.*

**COURSE DESCRIPTION:**

The Physics curriculum is designed to continue student investigations of the physical sciences that began in grades K-8 and provide students the necessary skills to be proficient in physics. This curriculum covers more abstract concepts including, interactions of matter and energy, velocity, acceleration, force, energy, momentum, and charge. Students investigate physics concepts through experience in laboratories and fieldwork using the processes of inquiry.

**TEXTBOOK/SUPPLEMENTAL RESOURCES:** Our main textbook / resources for the course are *Holt McDougal Physics 2018 Georgia*, Houghton Mifflin School.

**Online access to this textbook can be set up through** [**http://www.cobbk12.org/centraloffice/learningresources/digitaltextbooks.aspx**](http://www.cobbk12.org/centraloffice/learningresources/digitaltextbooks.aspx)**.**

**Optional/Supplemental/Parallel Texts for the Course:**

* https://www.physicsclassroom.com/

**MATERIALS NEEDED**:

1. Composition Book for Labs
2. Scientific Calculator

**CLASS EXPECTATIONS:**

* Come to class on time
* Come to class every day
* Be prepared for class
* Speak appropriately, with teachers AND peers
* Only use technology when appropriate, with teacher permission
* Follow lab safety protocol and teacher instructions
* Keep area clean
* Follow classroom rules and procedures

**ATTENDANCE AND MAKE-UP POLICY:** It is the student’s responsibility to obtain and submit any work missed work due to an absence. Students are permitted the number of excused absences plus one day to complete any missing work. After that point the work will be considered late and will be graded accordingly.

**TARDY POLICY:**

To avoid being counted tardy, ***students must be seated and ready for class when the bell rings***.  School policy states that students may receive detention and or an administrative referral for repeated tardies.

**CELL PHONES AND ELECTRONIC DEVICES***:*

As per school policy, cell phones are not to be used during class time unless directed by the teacher for instructional purposes. Students are allowed to bring certain technologies to class (iPad, laptop, Kindle, etc.), but they should **NOT** interfere with the teaching or learning.

**GRADING SCALE:**

A - 100-90%

B - 89-80%

C - 79-74%

D - 70-73%

F - 69-Below

**GRADING POLICY**:

|  |  |
| --- | --- |
| Category | Weight |
| Tests and Quizzes | 40% |
| Lab Activities and Reports | 20% |
| Classwork and Homework | 20% |
| Final Exam | 20% |

**UNIT ASSESSMENT RETEST**

Students are allowed to retake unit assessments for a maximum retake grade of a 70%. In order to be eligible for a unit assessment retake, students must complete remediation as assigned by the teacher. Please view the teacher’s blog for notification when the assessment will be administered.

**FINAL EXAM EXEMPTION POLICY**

If students meet the criteria below, they may exempt up to 2 finals per semester. Policies do not apply to magnet or AP classes.

* Course grade must be 80 or higher in the requested course(s)
* No ISS / OSS for the requested semester
* No more than 3 excused absences in *any* class during the requested semester
* No unexcused absences in *any* class during the requested semester
* No unexcused tardiness in *any* class during the requested semester

**LATE WORK POLICY:** Any late work will receive a highest possible grade of a 70 if turned in after the assignment is due. The student will have until the unit test to turn in late work and will receive a highest possible grade of 70. No work will be graded after the Unit Test.

**ACADEMIC INTEGRITY:**

*Cheating is considered a serious matter.  Any student who is involved in cheating/plagiarism will receive a grade of zero on the assignment, parents will be notified, and in some cases, students will receive an administrative referral.*

For this course, cheating is defined as, but is not limited to, the following acts:

* Copying anyone's answers to questions, exercises, study guides, class work or homework assignments
* Taking any information verbatim from any source, including the Internet, without giving proper credit to the author, or rearranging the order of words and/or changing some words as written by the author and claiming the work as his or her own, i.e., plagiarism.
* Looking onto another student's paper during a test or quiz.
* Having available any study notes or other test aids during a test or quiz without the teacher's permission.
* Collaborating on assignments when independent work is expected.