

Physics Syllabus

2019 - 2020

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Mission

To educate students to be self-directed learners, collaborative workers, complex thinkers, quality producers, and community contributors

Course Description

Physics is the study of matter, energy and their interactions. Physics attempts to explain the universe on the very small subatomic scale, to the size of the entire universe. This class will focus on the interactions we observe in our day to day lives and use mathematics to describe and predict how they move and interact.

NCAA Approved. Prerequisites: Algebra I and concurrent Geometry, Biology, or teacher recommendation

Course Topics

Semester 1

- Graphical Analysis
- Constant Velocity
- Constant Acceleration
- Forces Unit 1
- Forces Unit 2

Semester 2

- Momentum
- Magnetism
- Static Electricity
- Circuits
- Waves- Light and Sound

Grading

Course Content Grade

16% Practice (5 points per assignment) and Quizzes (10-20 points per quiz)

24% Labs (5-15 points per lab)

40% Tests (60-100 points per test)

20% Semester Final

Grading Scale

100 – 98	A+	89.9 – 87	B+	79.9 – 77	C+	69.9 – 67	D+	59.9 – 0	F
97.9 – 93	A	86.9 – 83	B	76.9 – 73	C	66.9 – 63	D		
92.9 – 90	A-	82.9 – 80	B-	72.9 – 70	C-	62.9 – 60	D-		

Note that *grades are not rounded.*

Rules and Expectations

1. Follow directions!
2. Arrive on time and be prepared for class. Showing up late shows disrespect for others.
3. Never interfere with anyone's learning, including your own.
4. Come to class with an inquisitive mind, a good attitude, be ready to share ideas, and ask questions!
5. Bring a writing utensil, notebook, and charged Chromebook daily

Academic Integrity

Students will be expected to submit only original work and follow the academic integrity policy described in the student handbook.

Retake Policy for Quizzes

1. Retakes are only available for quizzes. Retakes are not available for any other coursework or exams.
2. The retake score will be recorded in Infinite Campus.
3. Before being allowed to take the retake, students must complete a quiz retake form which must be turned in with the original assessment and the retake.
4. Retakes for a quiz must be completed before the unit test that the quiz is assessing.
5. Students will only have **one** opportunity to take a retake per quiz.
6. Retakes will be a new form of the quiz that addresses all of the same topics that were on the original.

Science Department Policy for Assignments

- All assignments will only be accepted during the current unit. After the unit exam, no assignments will be accepted.
- Any assignments handed in after the due date and before the end of unit exam will receive a 50% deduction.
- Any student suspected of or found cheating on a summative assessment, practice quiz, or assignment may receive a grade of "zero" and NOT be allowed to make up the assignment. Any students found copying labs, activities, projects, or assignments will *split the grade of the finished product*.

Absent and Pre-Arranged Absent work

- If you are absent or are going to be absent please check the schedule on Google Classroom for materials for that day
- Students will receive 1 day past the due date for every day they are absent per the student handbook.
- Multiple day absences will receive a modified plan for make-up discussed with the student and teacher.

Communication

- Teachers make every effort to respond to emails and phone calls within 24 hours during the workweek.
- The best way to communicate with teachers is through email; however, if you haven't received a response in 24 hours, please resend the email or call their voicemail. Your email may have gone into the spam folder.

What to do if a student needs help

- Make an appointment with your teacher.
- Before and after school help sessions.
- Form a study group/Attend tutoring sessions held every Tuesday and Thursday in the cafeteria after school

Supplies to be brought to class everyday

- 1 ½"-2" binder with lined paper
- USB Drive
- Pencil/Pen

Parents and Guardians – *We need your help, please!*

- Please check *Infinite Campus* at least once per week. Please ask your student for access to their Campus account.
- Please check Google Classroom for assignments, due dates, procedures, and daily class news. Please ask your student for access to their Google account.

I have read the above course syllabus for Physics class and will adhere to the guidelines.

Student's Printed Name _____ Period _____

Student's Signature _____ Date _____

Parent's Signature _____ Date _____

Technology Policy: During instructional time, students will be required to place their cell phone in their own assigned storage compartment. This ensures that students will not be distracted.

Students will be provided with an approved (non-graphing) calculator at all times during class. On days when an assessment is given, any student found using ANY electronic device other than their assigned calculator, during the assessment time, may receive a ZERO for that assessment. If a violation occurs, parents/guardians will be contacted.

Student's Initials _____ Parent's Initials _____