



PIPER HIGH SCHOOL

Honors Physics Syllabus

Instructor's Name: Mr. Brian McMorris
Course Location: Room A114
Contact Information: Phone: 754-322-1700
Email: brian.mcmorris@browardschools.com

Availability: Email is the best and fastest way to reach me, I'll respond usually within 24 hours

Course Textbook: *Physics, Holt Interactive Online Edition*

Electronic Resources: <http://browardschools.com/sso> (textbook, canvas)
<http://www.khanacademy.org>

Additional Resources: *Math skills tutoring available through:*
YMCA – after school program (must sign up in advance)
Mu Alpha Theta -Wednesdays

Course Content Outline:
order and topics may change at teacher's discretion

- Science of Physics
- Motion in One Dimension
- Motion in Two Dimensions & Vectors
- Forces & Laws of Motion
- Work & Energy
- Momentum & Collisions
- Circular Motion and Gravitation
- Vibration & Waves
- Sound
- Light, Reflection, and Refraction
- Electric Forces & Fields
- Electrical Energy & Current
- Circuits & Circuit Elements

General Classroom Rules:

1. Electronic devices are NOT to be seen or heard during class. (YOU MAY NOT USE THE CALCULATOR ON YOUR PHONE!)
As per administration, classrooms are NOT to be used as charging stations.
2. Arrive on time and be prepared to work.
3. Respect others – use appropriate language.
4. Sleeping will not be permitted during class.
5. Do not bring food or drinks (except water) into the classroom.
6. Stay in your seat unless you have permission to do otherwise.
7. Raise your hand to be recognized.
8. Take notes and correct your homework during class.
9. Pay attention and listen to the teacher or substitute.



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10. Be respectful of school property.
11. Do NOT interrupt the class to ask for the bathroom pass unless it is an extreme emergency (statistically, that's about once per year). Wait until there is an appropriate time, if any.

Class Work and Homework: Homework is given regularly and will usually consist of section and chapter review questions. Students are expected to keep up with the assigned readings outside of class. Due dates will be announced and listed in Pinnacle – check it often!

Late Work: Late work will be accepted for **half** credit up to three days after the assignment was originally due. This does not pertain to excused absences as per school board policy.

Weighting of Assignments: Quizzes and tests, will be used to determine the majority of the semester grade. Class work, worksheets, and small daily quizzes may be given (as per the teacher's discretion). There will be a test given at the end of every major concept. The final course grade will be based on various traditional and alternative assessments, including the following:

1. Assessments (Tests, Quizzes, Projects):	65%
2. Homework/Class work/Notes/Warm-Ups:	35%
Total:	100%

Grading Scale: Broward County's Grading Scale

Academic Honesty: As a student of Piper High School I vow to not plagiarize and to never give or receive assistance on assessments and assignments

Attendance: Students are expected to be on time to class. Excessive absences and tardies will be handled according the guidelines set forth by Broward County Public Schools, the Code of Student Conduct Handbook, and Piper's attendance policy. Make-Up work must be completed/submitted within two days (not including the day of return).

Cell phones: Prior to the start of class, students must turn their cell phones **off** to avoid unnecessary classroom disruptions. Cell phones must remain off until the **end** of class.



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Syllabus Confirmation Page

I _____ (CLEARLY print **student** name) have read through and discussed this course syllabus with my teacher today in class. I understand what exactly is expected of me in this class and what my responsibilities are for this semester. I know and understand what the academic policies and procedures that I am to follow are. I am aware of and understand how I am going to be evaluated and assessed in this course and how my final grade will be calculated. I am aware of and understand that tardiness is not tolerated and can negatively affect my class grade. I know that if I need extra help or have concerns I should speak with my teacher as soon as possible.

Student Signature: _____ Date: _____

Parent Signature: _____ Date: _____

How can we contact you? Please write below:

Student Email Address:

_____ @ _____

Parent Email Address:

_____ @ _____

Parent Phone Number: _____



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Safety in Science

Student Laboratory Contract

I have been instructed in the necessary safety procedures required in this course. I agree to abide by the

following guidelines:

1. Safety apparel will be worn when specified by the instructor.
2. Long or loose hair will be tied back. Excessively loose clothing or jewelry will not be worn.
3. All safety rules and regulations will be followed.
4. There will be no drinking or eating in the laboratory.
5. Experiments will be done in the specified order with the prescribed quantities of chemicals.
6. Only the chemicals specified by the teacher will be used. No unauthorized experimentation will be done.
7. The proper use of safety equipment and correct evacuation procedures will be followed.
8. Wash hands thoroughly before beginning and after completing an experiment.
9. Contact lenses will not be worn during specified experiments.
10. Horseplay or other inappropriate behavior will not be tolerated during laboratory experiments.
11. Never taste chemicals or smell them directly.
12. Never pick up broken glass with bare hands.
13. Report all accidents, no matter how minor, to the teacher.
14. Never work without teacher supervision in the lab.
15. Do not remove any chemicals or equipment from the lab without the teacher's permission.

Failure to follow these guidelines may result in reduction in grade, disciplinary action, and/or exclusion from laboratory activities.

Student Name	Student Signature	Date

Parent Name	Parent Signature	Date

Emergency Contact Information:

Does student have any allergies or health issues I should be aware of? Yes No

If yes, please List:

Mother/Guardian Father/Guardian

Cell Number:

Work Number:

Home Number:

Email: