

Honors Physics Course Information Sheet

Honors Physics is a first-year, inquiry-based introductory physics course dealing with a broad range of topics. Topics to be studied include: Motion, Force, Interactions, Electromagnetism, Waves and Modern. We are mainly interested in the concepts behind physical phenomena; however, a strong algebra and geometry background is necessary to express these concepts using mathematical equations.

Textbook:

Physics Principles & Problems by Paul W. Zitzewitz. The link for the textbook is located on your webdesk.

Google Classroom Code varies

I will use Google classroom to post calendars, all assignments, extra resources and announcements.

All assignments except tests will be assigned and collected on Google Classroom. Students must take a clear photo of their work and upload the photo to the assignment on Google Classroom.

Remind:

Enter this # 81010 and text this message @mrsreczek

Materials:

Each student should provide the following supplies:

1. Spiral notebook or 3 ring binder & notebook paper
2. Folder
3. Scientific calculator (Graphing calculator or TI-30X)
4. Ruler
5. Pencils
6. AAA batteries (**Earn a homework pass for class supplies before 8/18**)

Grading:

In accordance with district guidelines, each nine weeks will be graded as follows:

60% of Grade	40% of Grade
Summative Assessments	Homework/Classwork
Performance Assessments	Quizzes
	Labs / Skills Assessments

The semester grade is calculated by 40% 1st Quarter, 40% 2nd Quarter and 20% for the semester exam

Summative Assessments – are tests which will usually be multiple choice and short answer (major)

Performance Assessments – Project that demonstrates your knowledge of concepts covered in the current unit and possible prior units. (major)

Skills Assessments – Checks for understanding of lab skills and related problem solving (daily)

Late Work:

Homework/Classwork/Quizzes/Labs/Assessments will NOT be accepted late.

Performance Assessments will be accepted late with a reduction of 10% for every day it is late.

Make Ups:

Unexcused absences – all work missed is a 0.

Unplanned absences - If absence is excused then you will have 1 day for every day that you are out (i.e. out 2 days then you have 2 days to makeup the assignments)

Planned absences – must speak with teacher before absence to make arrangements (some work could be due before you leave and some after)

It is the student's responsibility to schedule make-up times for quizzes, tests, etc.

Security:

Classroom doors will be closed and locked at all times.

Do not open exterior doors for anyone.

Students must wear their student ID badge around their neck at all times.

Take responsibility for your learning!!! Come to tutorials if you need help.

Lab Makeups and Tutoring:

DAY	TIME	LOCATION
Tuesday	B lunch	B226
Wednesday	B lunch	B221
NO TUTORIALS ON TEST/Revisit DAYS		

Cell Phones:

No cell phones to be out during class time.

Cell phones will be collected when leaving class for the restroom.

Cell phones will be collected on test days and on days that we go over tests in class.

Class Standard Operating Procedures: Curriculum documents for the semester are provided in a single booklet.

Any supplementary materials will be picked up from the lab table closest to the door as you walk in. **A warm up will be projected on the screen most days. Students are expected to begin solving the warm up after taking their seat without being prompted.**

Class Rules (Subject to change)

- Take care of yourself, take care of each other, take care of this place.
- No running or roughhousing
- Wear safety goggles when required
- Always do your best work

Course Scope and Sequence**Fall Semester**

Constant Motion
 Changing Motion
 Newton's Laws
 2 Dimensional Motion
 UCM/NLUG
 Work and Energy
 Impulse Momentum Thermodynamics

Spring Semester

Electrostatics
 Circuits
 Magnetism
 Mechanical Waves
 Electromagnetic Waves
 Modern

Tips to help you be successful in Honors Physics

- Attend class daily and take detailed notes
- Make good use of class time.
- If you are absent then be responsible for your make-up work, check Google Classroom
- Engage in class discussions regularly and ask questions whenever you need to.
- Complete your homework.
- Know where the course materials are located.
 - Google Classroom, textbook link, etc.
- Form study groups with students so you can study outside of class.
- Check Google Classroom every day and be aware of upcoming assignments
- Use the Study Guide to assess your own learning. The first document for each unit is a study guide that includes the learning objectives for the unit, sample multiple choice questions, and sample free response questions. Refer to the study guide throughout the unit and to study for the test.
- Email me if you have any questions or concerns. I am here to help you succeed.
- If you are still having difficulty then there are additional websites that can be useful
 - <https://phet.colorado.edu/>
 - <http://hyperphysics.phy-astr.gsu.edu/hbase/hph.html>
 - www.physicsclassroom.com
- Remember we learn by making mistakes. When you are struggling, you are learning!