

PHYSICS- COURSE OVERVIEW

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ROOM 105

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Course Description

Physics provides students with a conceptual framework, factual knowledge, analytical and scientific skills dealing with the various laws of nature. It is a fast paced course requiring outside class study time. There will also be projects requiring research time outside of class.

Course Content

Our textbook in this class is online. You will be given a username and password to access the Sapling Learning website. The textbook along with most of the notes and powerpoints are available to you on this site. You will be given adequate time in class to access this site. All notes and assignments can be printed out if you do not have internet access at home. It is the student's responsibility to arrange this if needed.

Introduction & Lab Management	Thermodynamics
Graphing Motion	Electrostatics
Kinematics 1D & 2D Motion	Electricity & Magnetic Fields
Newton's Laws of Motion	Electromagnetism
Universal Gravitation/Speed of Light/Special Relativity	Waves
Conservation of Energy & Momentum	Sound & Light
	Atomic/ Nuclear/ Quantum Physics

Absences and Make-Up Work

- Make-up assignments and notes are the responsibility of the student – Most notes, powerpoints, & assignments can be downloaded from the Sapling website.
- All assignments missed must be turned in according to teacher's instructions.
- If you miss a quiz, be ready to take it upon your return. There are usually no makeup labs. You will be given an alternate assignment covering the same material. Alternative assignments include such as; written report, online simulation lab, or other.

Testing

- Students will be tested over each unit upon the completion of the unit material.
- If a student misses a test, the student must make arrangements with the teacher in order to make-up the test.

- Retests are available but there will be no test corrections. It is the student's responsibility to schedule a retest time if necessary. Highest grade on retest is a 70.
- Retests and makeup tests must be completed within a one week time period of the original test date.

Grading Criteria

Nine Weeks Grade	60% Test (Test, major project)
	40% Daily (Lab, Quiz, homework, etc.)
Semester Grade	80% Nine Weeks grade
	20% Semester Exam

Please keep track of student averages online – they are updated weekly.

Notebooks & Supplies

- You need to bring required materials every day, such as textbook, pens, pencils, paper/composition notebook, and scientific calculator.