



LHS Physics Syllabus

Mr. White

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COURSE DESCRIPTION

THE GOAL of any Physics program is to prepare students for future success – to give students a better understanding of a highly technical global society whether or not they have plans to attend a technical school, first year college level course, or pursue a technical career. Consequently, the requirements of such a course are rigorous and a good working knowledge of Algebra is a requirement.

PHYSICS is often viewed as one of the most difficult of the sciences because of its extensive use of mathematics. Even though mathematics is an important part of any physics course, it is neither the goal nor the focus. During the year, the student will re-evaluate the world they live in and learn to see it in a whole new way. The student will find that even though they have an “instinct” for physical concepts they also have certain misconceptions.

THE COURSE IS NOT EASY, but neither is it impossibly difficult. Meeting the demands of any physics course is an investment of time and effort that has great rewards. In order to succeed, you must be willing and able.

1. **Materials Needed**

- Laptop With Charger DAILY -Pens
- 70 page College Rule Notebooks (2) -Colored Pencils
- Notebook Paper and Graph paper

2. **Absences/Make-up Work**

- a.) When you are absent, it is your responsibility to request and complete missed assignments.
- b.) During your absence, please check Canvas daily for resources and assignments. Email me if you require assistance.
- c.) You have 1 day for each day absent to complete and turn in the assignment, not to exceed one school week. It is critical to attend and stay caught up in this class. All resources and assignments are in the Canvas Physic Module.
- d.) Missed quizzes and tests will need to be made up. Please, make arrangements with me via email.

3. **Classroom Rules**

- a.) Be on time and prepared.
- b.) Be respectful of yourself, others and all property.
- c.) Get the teacher's attention appropriately.
- d.) Follow instructions and stay on task.
- e.) Keep hands, feet, negative comments, and objects to yourself.
- f.) Be mindful of our classroom social contract.

4. **Tutoring**

- a.) Tutoring is available by appointment or on posted tutoring days, which may change based on my family needs.

5. Communication

- Feel free to contact me at any time if you have questions or concerns.
- The best way to reach me is via email. My email address is whitet@lisdtx.org
- Please, contact the Lampasas High School Counseling office at 512-564-2610 if you would like to schedule a conference.

6. Technology

- Parents/guardians are encouraged to sign up for Canvas and Skyward access to monitor grades.
- Students are required to utilize Canvas as assigned and bring their school issued laptop and charger daily.
- Please, contact LHS at 512-564-2310 to provide the school with a current email address to receive the weekly grade report.

GRADE PERCENTAGES:

9-week grade:

- | | |
|---|-----|
| ● Formative Grades (classwork, homework, quizzes) | 50% |
| ● Summative Grades (tests, projects, labs) | 50% |

Semester grade: (this is the grade credit and what GPA is based on):

- | | |
|-------------------------------------|----------|
| ● Average of 9 week grading periods | 38% each |
| ● Semester Exam | 24% |

TARDY POLICY:

You must bring a written pass in order to be admitted to class without a school wide announcement or email.

RETEACH/RETAKE POLICY:

- Students can retry on an assignment once, given they have not tested on the material.
- Students must attend a remediation tutorial to be eligible, during academic or after school
- Student has 3 school days to remediate and retake the assignment.
- The assignment can be different.
- Tests can be corrected for 70% or half missing points, whichever is greater. This is NOT a retake. Must be completed in class.

1st 9 Weeks

Safety and Laboratory Management
Graphing Motion, Kinematics in 1 Dimension,
Newton's Laws of Motion

2nd 9 Weeks

Kinematics in 2 Dimensions
Universal Gravitation, Speed of Light and Relativity
Conservation of Energy and Momentum

3rd 9 Weeks

Thermodynamics, Waves,
Electrostatics: Forces, Fields, and Energy

4th 9 Weeks

Current Electricity
Electromagnetism and Magnetic Fields
Atomic, Nuclear, and Quantum Physics
Physics is Everywhere



ONLY!

ACADEMIC DISHONESTY POLICY:

Academic dishonesty includes cheating or copying the work of another student, plagiarism and unauthorized communication between students during an assignment. The determination that a student has engaged in academic dishonesty shall be based on the judgment of the classroom teacher or other supervising employee including the consideration of written materials, observation or information from students. Students found to have engaged in academic dishonesty shall be subject to disciplinary consequences and be required to take an alternate assignment or assessment. Such action will be determined by the campus administrator.