

2017-2018 COURSE SYLLABUS
PHYSICS

Instructor: Thompson, M. J.
Contact: mthompson@apps.lcchs.edu
Text: *Holt Physics*
Location: ST7

Course Description:

This course serves as an introduction to the study of physics. While this is a vast field of study, our focus will be on *mechanics*, how and why things move. While the study of physics is a worthwhile endeavor, the most important skill you will develop is critical thinking! Even if this is the last physics course you take, the skills acquired will transcend everything you study.

Course Schedule (subject to alterations as required):

Semester 1: Chapters 1-8

Semester 2: Chapters 9-14

Grading:

Total points accumulated over a grading period will determine grades.

- Exams: 50%, Exams will given at the end of each chapter
- Quizzes: 20%, Quizzes will be given weekly, often on Thursday
- Lab: 20%, Experimentation will be done to reinforce material learned in lecture
- Homework: 10%, Homework will be assigned at the beginning of each chapter and collected at the completion of the chapter.

Required Materials:

- Pen/Pencil, whichever you choose and a calculator
- Notebook, one separate for this course is strongly recommended
- A notebook of 0.25" graph paper is strongly recommended for lab/experimentation.

Instructor Expectations/Philosophies/Etc.

- This course includes potentially hazardous labs and/or experimentations. Lab safety will be addressed in a separate document/presentation. Violation of laboratory safety procedures will result in immediate removal from the class and a zero on all related assignments as well as further disciplinary action!
- I do not give grades, you earn them
- Homework is not for showing me what you know. Homework is for you to practice and ASK QUESTIONS. Quizzes and exams show me what you know.
- My classroom is for learning; becoming all you can be. A step along the path to the greatness God has planned for you. It is not a place to sit and do nothing! You may not simply convert oxygen into carbon dioxide!
- You have a list of Lima Central Catholic rules, I expect that you understand them.
- My classroom has one standing rule: RESPECT. For me, for your peers, and most importantly FOR YOURSELF.