

CP / CPA / H Freshman Physics

Syllabus – Abbreviated (website for full version <https://sites.google.com/site/Chandonnetphysics/>) Wachusett Regional High School – Science Department 2011-2012

Instructor: Eric Chandonnet
Afterschool Help: Before and after school, by appointment

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Room: D115 **Office:** C122

Textbook: *CONCEPTUAL PHYSICS*, 3rd ED. (1999) Hewitt
Other Materials: *Scientific Calculator*, Notebook, Folder, Writing Utensils

Course Description

Freshman Physics is a physical science course specifically for 9th grade students with a strong mathematical background beginning their high school science curriculum.

This course will expand the understanding of motion, energy, thermodynamics (heat), waves (mechanical and electromagnetic), and electromagnetism. All topics will incorporate basic scientific practices and methods. Projects, both individual and group, laboratory experiments, and research will all be integral parts of the course.

Grading Policy:

Grades will be assigned based on a point total. If you keep track of your grades as you get them back you can figure out your average at any time. Just add up the number of points you have accumulated and divide by the total number of points possible and multiply by 100%. You should not have to ask me for your average. Below are *average* point values.

Tests- 100 pts	Quizzes- 25 to 35 pts	Lab Reports- 20 to 50 pts
Homework- 5 to 15 pts	Projects- 100 pts or greater	Reading Assignments- 5 to 10pts
Notebook Checks- 25 to 50 pts		

Tests and Quizzes:

Tests will be given at the end of each section and will always be announced in advance. Quizzes may or may not be announced in advance and will be given as needed to check for understanding.

Make-ups: Refer to the student handbook (top of page 2) for school policy.

1 day absence: 2 days to make up, 2 day absence: 4 days to make up, 3,4,5 day absence: 1 week to make up

If you are absent on the day an assignment is due, work must be turned in immediately upon return from the absence.

Laboratory:

Lab reports come in 2 varieties, abbreviated (20pts) and full (50pts). Abbreviated lab reports will consist of calculations and questions based on the lab. Full lab reports will include the calculations and questions but will also require additional sections outlined on the “Lab Report Format” handout.

Make-ups: If you **MUST** miss a lab you will have **one week** to make up the lab. Arrangements should be made with me to make up the lab after school.

Projects:

Unit projects and smaller projects will be assigned throughout the year. Each project must be done according to a strict set of guidelines. Grading criteria, ie. rubrics, for each project will be distributed and discussed at the appropriate time.

Homework:

Homework is assigned to reinforce concepts and is graded on effort not necessarily correctness. Students should make every attempt to do all of their homework. It's an easy way to help your grade with very little effort as well as aid in the learning process. It is also a chance for you to find out where you need help and to **ask the appropriate questions**. **You are responsible for homework assignments even if you are absent. Make sure you have a phone number of someone in your class to call.** Homework **every night** is to review the material covered in class that day. This is in addition to any assigned problems, readings, and worksheets. Class notes are considered “fair-game” on pop quizzes.

It is **your** responsibility to get missed assignments, handouts and worksheets distributed in your absence.

Notebooks

Each Student needs a 3-ringed notebook in which to keep all notes, in-class work, homework, class handouts, and lab reports. (*Filled with white-lined paper.*) You will also need a calculator. **Your textbook, notebook, calculator, white-lined paper, and a pencil must come to class with you EVERY DAY.**

Statement about Cheating:

Cheating will not be tolerated. Cheating will result in a zero grade for all parties involved for that assignment. Therefore if someone is cheating off you, you will both receive a zero for the assignment. Three cheating offenses will result in a failing grade for the term.

Classroom Rules:

- Be on time to class**
- Be respectful of the classroom and people in it**
- Be honest**
- Be responsible**
- Others...**

Once you have read this syllabus please sign and date below to indicate that you are aware of all of the information contained within it, and therefore also responsible for all information. Please give this to your parent/guardian to read and sign as well. The bottom portion of this sheet will be collected and kept as a record.

Student _____ Date _____

Parent/Guardian _____ Date _____

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Student Signature _____ Date _____

Printed Student Name _____ Date _____

Parent/Guardian Signature _____ Date _____