

General Outline

Physics is a very comprehensive and challenging subject. The New York State Regents have broken it down into five core areas and a lab component.

The five areas to be covered are:

- Mechanics
- Energy
- Waves
- Electricity & Magnetism
- Modern Physics

The lab requirement will be covered in the accompanying lab course. One will encounter and use lab information in the lecture and vice versa. The lab course grade will be counted as **30%** of the overall course grade. **It is not counted separately.** The lecture will be counted as **70** points per term and the lab will count as the remaining **30** points.

Lecture Grade Breakdown

- Tests and quizzes will make up 40%
(Tests & quizzes will never be a surprise. They will mostly come from past regents' tests and the text. You will be notified in advance.)
- Homework & Alternate Assessments will make up 30%
(Alternate assessments are notebook checks, equipment checks, and hand in worksheets or homework problems. Homework will not be collected or checked everyday. Instead homework checks will be used. It is the students' responsibility to complete what is assigned.)

Homework and Alternate Assessment

There will be many different types of alternate assessment in this course, including, but not limited to

- Sporadic homework checks (When announced, students must take out the homework assignment for that class and show that a reasonable amount of work was done and attempted. If not, a deduction will be incurred. If it continues, a phone call home will follow.)
- Homework Quizzes
- Equipment checks (When announced, students must demonstrate that they each have a scientific calculator, pen or pencil, protractor, metric ruler and notebook.)
- Notebook checks (Explained below.)

Notebook checks

Notebook checks require the students to either leave the notebook with me overnight to be checked or present it to me when asked. Each notebook should be and have:

- A three- ring binder with a section for class work or notes, homework, tests and quizzes, and a folder for any handouts.

Any notebook that is missing any part or is disorganized and messy will cause points to be deducted.

Homework Assignments

Homework will be done using a simple format of name, date, homework number and problems. All of these items must be present to receive full credit, along with doing the homework itself.

For your assignments in the text we will be using, note that "Ch" stands for chapter, "~~RC~~" stands for "~~Reviewing Concepts~~", "~~AC~~" stands for "~~Applying Concepts~~" and "Pr" stands for "Problems". You will become familiar with them as we go along.

Materials Needed:

- A three-ring binder with sections outlined above
- Pens and pencils
- Plastic protractor
- Metric ruler
- Scientific calculator

Rules of the Class & Student Responsibilities:

- Students will arrive on time. Constant lateness will be addressed first with a warning, then a phone call home, and if it persists, detention with me after school. You will make up whatever time you owe me.
- All electronic devices will be shut off and out of sight.
- All hats will be removed or taken.
- All students are expected to be courteous and respectful of one another, as well as the teacher.
- Students are expected to attend class everyday. If you cut, you will make up the time you owe me after school and your parent will be notified.
- If students are absent legally on the day of a test, then a make up exam will be given on the day they return. If a problem arises, please contact me and we will work out a reasonable solution together.
- Cheating will not be tolerated. Cheating results in a zero.
- Students will ask questions, ask for help, answers questions, study for tests, do homework, do all the labs and most importantly pay attention during class.

Teacher Responsibilities:

- To help students understand the topics covered
- Give help whenever it is needed
- And most important, to make sure that each student learns