

# Chemistry I

2012-2013 School Year

3<sup>rd</sup> or 6<sup>th</sup> Hour M-F

Chemistry I is an upper level lab course open to upper classmen. It should be the 3<sup>rd</sup> or 4<sup>th</sup> lab course in your high school career. This will be accomplished through homework assignments, exams, lab work, quizzes and semester exams.

## Expectations

During this class students will be expected to bring with them a notebook, exclusively for this class, and their textbook with them daily. Taking notes is a required portion of the class and notebooks will be collected at least eight (8) times a year for a grade.

There will be Quizzes at the end of each topic, and tests to follow completion of each chapter. Final exams are cumulative and described in more detail below. There will be homework given each week.

## Grading Scale

The grading scale that will be used is the grading scale that has been established by the Virginia School Board and is published in the student handbook on page 16. As mentioned on page 16 this is not a course that contains a weighted numerical value. The grading scale on page 16 is the one that will be used for this class with NO EXCEPTIONS.

## Grading Components

20% Homework  
25% Quizzes  
25% Lab Work  
30% Exams

# Course Requirements

## Homework

There will be weekly homework assignments that will be expected to be completed. These assignments will range from worksheets to assignments out of the book. This will account for 20% of the total quarter grade.

## Quizzes

There will be a quiz at the end of topic. The type of quiz will vary from week to week. Types of quizzes could possibly be multiple choice, short answer, essay, or a combination of types. This will account for 25% of the total quarter grade.

## Lab Work

The topics that we are going to cover will be augmented with guided lab work. Labs will be integral to working with and comprehending the topics that we are going to integrate. This will account for 25% of the total quarter grade.

*There are lab expectations that will be reviewed separately. If you fail to meet those expectations, you will be given a zero with no opportunity to make it up. I will cover these expectations when they arrive.*

## Exams

Exams will not be a major emphasis, but will occur at various times throughout the year. Typically they will be at the end of a chapter or a unit. This will account for 30% of the total quarter grade.

## Final

There will be a cumulative final given during the appointed final exam time in the fall and spring. This final will cover in-depth all of the major topics that were covered during the semester. It will be valued at 20% of your second semester grade.

## Topics will include but are not limited to

- |                        |                             |
|------------------------|-----------------------------|
| -Matter                | -Periodic Table of Elements |
| -Chemical Reactions    | -Measurements               |
| -Atomic Structure      | -Interactions of matter     |
| -Moles & Stoichiometry | -Acids and Bases            |