

## CHEMISTRY I HONORS

### COURSE OVERVIEW

Instructor: Mr. D. Stone  
Office: Room 2210  
Hours: 2:25-3:25 (by appointment)  
  
Classroom Room 2210

#### MATERIALS:

- I. Textbook: Chemistry (PEARSON)
- II. Lab Fee: \$10.00 annually. This fee covers the cost Of chemicals and other materials used for laboratory experiments during the year. You will be given advance notice of the exact date of collection.
- III. Calculator: You will be able to use a calculator in this class. The purchase of a scientific calculator is strongly recommended. A scientific calculator would be best suited for this course.

#### GRADES:

As mentioned in your class procedures, the overall grade you receive in this course per nine week grading period will be based on tests (40%), quizzes (35%), laboratories (10-15%); homework, and participation (10-15%) [Please be advised that these percentages are approximations and not absolutes.]. The grading scale that will be used is as follows:

<u>%</u>	<u>Grade</u>	<u>GPA</u>
90 - 100	A	3.50 - 4.00
80 - 89	B	2.50 - 3.49
70 - 79	C	1.50 - 2.49
60 - 69	D	1.00 - 1.49
0 - 59	F	0.00 - 0.99

(Cont.)

#### ATTENDANCE:

It is important that you are aware of school policies regarding attendance that can affect your grade in this class such as:

1. All unexcused absences will receive an F for each day of absence.
2. 10 or more unexcused absences for the entire year will cause you to lose credit for this course.

#### PHILOSOPHY AND GOALS:

This chemistry course has three basic goals:

1. That you learn the facts, formulas, and principles of high school chemistry.
2. That you understand the basic chemistry concepts underlying the facts, formulas, and principles.
3. That you develop critical-thinking and problem solving skills, not only to use in chemistry, but to use in your everyday life.

The major emphasis of this course is that you master certain competencies set forth by the State of Florida with regard to chemistry.

#### COURSE CONTENT:

The content and sequencing of this course will closely match the District Pacing Guide for Chemistry I Honors and therefore will closely match the content of your textbook and will be used to guide you toward the competencies mentioned earlier. To get an idea of what this course is all about, refer to the contents section at the beginning of your textbook. Some of the main topics that we will cover in depth are as follows: Measurements and calculations used in chemistry, categorization and properties of matter, the gas laws, atomic theory, electron

structure of the atom, chemical bonding, the periodic table, chemical formulas, chemical reactions, and stoichiometry.