Columbia High School

CHEMISTRY SYLLABUS

**Chemistry**:

1 Semester - 1 Credit

Selective: Sophomore-Senior

Content: This course will focus upon the major concepts in Chemistry. The science of matter will be explored through lecture, demonstrations, readings laboratory work, and projects.

Prerequisite: A “C” or higher in Biology

**Course Goals**:

Students will understand how matter is categorized, how it reacts, the Atomic and Molecular Theories of atoms, the causes of chemical reactions, and the properties and structure of matter. Students will also understand and appreciate the development of chemistry.

**Course Outline**:

|  |  |
| --- | --- |
| 1st Quarter | 2nd Quarter |
| Nature of Science  Measuring and Calculating  Matter and Energy  Atoms and Elements  Compounds and Bonding  Chemical Composition | Chemical Equations & Stoichiometry  Periodic Trends  VSEPR  Gas Laws  Acids and Bases |

Columbia Grading Scale:

90-100% = A

80 - 89% = B

70 - 79% = C

60 - 69% = D

59% and Below = F

**Grading Procedure**:

This course grade will be calculated from homework, laboratory work, projects, quizzes, unit tests, a mid-term and a final.

**Extra Credit**:

Each week there is an opportunity to receive extra credit by completing the puzzles for the current week we are on.

**Late Assignments**:

ALL WORK MUST BE COMPLETED AND TURNED IN TO RECEIVE A GRADE.

All assignments are due at the beginning of the period unless otherwise stated. Other than excused absences, assignments handed in at any other time are considered late.

There are three (3) deadlines for work each marking period. These deadlines are the absolute last time any work can be turned in for that section. You will be given ample notification to turn any and all assignments in before each date. Absolutely NO work from that section will be graded after the deadline.

**Make-Up Assignments and Tests**:

Work missed due to an excused absence will be due as per school policy. It is the responsibility of the student to check the absent folder to find out what work was assigned and what information was missed. Labs missed due to absences must be made up after school. Efforts may be made to team up with another student that also needs to make-up the lab.

Tests missed due to an absence should be taken as soon as possible following the absence. It is the responsibility of the student to schedule the time to make-up the test. Missed tests will only be given during Study Hall or after school. No make-up tests will be given during class time.

I have read and I understand the requirements and expectations of this class.

Student Signature Parent Signature

This Syllabus is also available on the Columbia High School Web Page or on my Weebly at lmyerowitz.weebly.com under the Chemistry section.