

**Class Syllabus**

This is a course offered to the honors college-bound student, who has an interest in a career that requires a deep understanding in chemistry. The course is mathematical in nature with an emphasis in theory and laboratory work. This course is very demanding and fast-paced and requires dedication and a highly motivated student. You will be using your critical thinking and problem-solving strategies to analyze, solve, and understand more complex operations.

The course will cover data analysis, the structure of the atom, electrons in atoms, quantum theory, the periodic table, naming compounds, ionic and covalent bonding, chemical reactions, the mole, stoichiometry, gases, solutions, acids and bases, redox reactions, energy and chemical change.

1. You must have a **loose-leaf binder** for homework and a **pouched folder** to hold handouts, homework, etc. A **composition book** for chemistry notes only, pencils, inexpensive scientific calculator, chemistry text, and problems book. It is your responsibility to bring these items to class everyday. You will not be allowed to leave the room to obtain forgotten items.
2. Each test counts up twice.
3. Each quiz counts up once.
4. Each lab report counts up once.
5. Homework assignments average count up once.
6. Chapter outlines average count up half.
7. Homework will be due the NEXT class period. Homework one day late receives HALF credit. Homework not submitted on loose-leaf papers or without the proper heading receives half credit. See "Paperwork Requirements" for proper heading format.
8. Lab reports are due the NEXT class period. You may lose ten (10) points each day they are late.
9. Any missed tests or quizzes must be made up the day the student returns from absence. Test/ quizzes are to be made up after school. You must make the proper arrangement for this eventuality.
10. Missed lab work must be made up when possible after school.
11. All assignments are to have proper headings. See "Paperwork requirements" for proper heading format.
12. During lab time, students must stay in the assigned seats and work with their assigned lab partners. While the results of the partners should be the same, the interpretation of the results (conclusion) should be expressed on individual basis. This also includes questions to be answered. This does not mean that the results cannot be discussed between lab partners or with the teacher.
13. I will be available for help before or after school with previous request by the student and with sufficient time.

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

Parent/guardian signature \_\_\_\_\_

Student signature \_\_\_\_\_

Date \_\_\_\_\_