If you are curious about the world around you, you will enjoy chemistry. Chemistry is an investigative, flexible, relevant, interdisciplinary, innovative, and fun program. Chemistry is really the central science, combining the fascination of the life sciences with the quantitative relationships of physics.

This course is designed to prepare you for college chemistry. It will also increase your understanding of the unifying concepts that relate the various areas of physical chemistry, nuclear chemistry, organic chemistry, biochemistry, and environmental chemistry.

Our textbook will be CHEMISTRY: Matter And Change by Glencoe. This course allows students to discover concepts within each of the science content standards, giving them opportunities to make connections between chemistry concepts and the real world. Hands-on labs and enquiry-based lesson plans reinforce the science processes emphasized in the standards.

Plan to spend no less than thirty minutes a night studying. Take notes, review your notes, read the text carefully and complete the assigned homework. If you are having difficulty with some of the assignments, obtain help immediately – problems do not improve with age. I will be available in room B-25 at 7:30 on Wednesdays and Fridays as needed.

Grading Policy

*Academic Grade:* this grade is based on achievement as demonstrated by quizzes, tests, and the final exam

- 20% - Quizzes, labs, and homework (about 40/semester – 10 to be dropped)
- 60% - Tests (six/semester – one to be dropped)
- 20% - Final Exam

All scores are converted to *standard scores*

<table>
<thead>
<tr>
<th>Score</th>
<th>Grade</th>
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<tbody>
<tr>
<td>65.0</td>
<td>A</td>
</tr>
<tr>
<td>51.9</td>
<td>C</td>
</tr>
<tr>
<td>29.9</td>
<td>F</td>
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*Citizenship Grade:* you will receive a satisfactory grade if you have completed 70% of the homework and laboratory assignments. You must follow the school’s rules on behavior and discipline. These rules and regulations will be strictly enforced.

**There are no make-ups for tests, labs, or quizzes!**

Materials needed:
- Scientific calculator
- Highlighters
- Loose-leaf binder with lots of paper