Mission

To educate students to be self-directed learners, collaborative workers, complex thinkers, quality producers, and community contributors

Course Description

This course is a study of fundamental chemical concepts based on the Next Generation Science Standards. Students will evaluate evidence from experiments and technology used by scientists to understand the nature of the chemistry. Concepts and skills are reinforced by a strong emphasis on hands-on laboratory experiences and the integration of other branches of science. Constructivist methods of teaching are employed to ensure the best possible comprehension and retention of science concepts. CO-REQ: Algebra 1

Course Topics

<table>
<thead>
<tr>
<th>Semester 1</th>
<th>Semester 2</th>
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<tbody>
<tr>
<td>● Unit 1: Matter and Its Interactions</td>
<td>● Unit 4: Chemical Equations, Moles and Stoich (Finish)</td>
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<td>● Unit 2: Organization of the Periodic Table</td>
<td>● Unit 5: Thermodynamics</td>
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<td>● Unit 3: Bonding and Intermolecular Forces</td>
<td>● Unit 6: Light, Stars and Nuclear Chemistry</td>
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<tr>
<td>● Unit 4: Chemical Equations, Moles and Stoich (Begin)</td>
<td>● Unit 7: Equilibrium and Natural Resources</td>
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Grading

Your course grade will reflect what you have learned, not what you have completed.

85% Course content grade
15% Final Exam

Course Content Grade
10% Daily work (Homework, whiteboard presentations, Canvas practice quizzes, lab completion checks)
40% Quizzes and Labs (Labs, lab practicals, lab quizzes, and content quizzes)
50% Tests (Unit exams and projects)

Grading Disbursement
A = 90-100 %
B = 80-89 %
C = 70-79 %
D = 60-69 %
F = below 60%

Academic Integrity

Students will be expected to submit only original work and follow the academic integrity policy described in the student handbook.
Reassessment Policy for Unit Tests

1. Reassessments are only available for unit tests. Reassessments are not available for any other coursework or final exams.
2. Students are only allowed reassessments on unit tests of which they receive an 79% or below.
3. The maximum grade the student can receive on the reassessment is an 80%.
4. The higher of the two grades earned, between the original test and reassessment, will be recorded in Infinite Campus.
5. Reassessments for a unit test must be completed within two weeks after reviewing the unit test.
6. Students will only have one opportunity to take a reassessment per unit test.
7. Reassessments will be a new form of the exam that addresses all of the same topics that were on the original unit test.
8. To be eligible for a reassessment, students are required to do an alternative assignment prior to the retake which they must turn in to their teacher on the day of the reassessment.

Communication

- Teachers make every effort to respond to emails and phone calls within 48 hours during the workweek.
- The best way to communicate with teachers is through email; however, if you haven’t received a response in 48 hours, please resend the email or call their voicemail. Your email may have gone into the spam folder.

What to do if a student needs help

- Make an appointment with your teacher.
- Chemistry help with Ms. Yvonne John at 7:10 A.M. Monday- Friday in room 147.
- S.O.S. will be available for students M, W, Th after school in the Learning Commons.
- Peer tutors available during before school and during lunch periods in the Lit Center.

Targeted Support

- We believe that mastery of the standards for chemistry is critical for each student’s long-term success in science. If you are not passing or in danger of not passing chemistry, you will be placed in targeted support 2 days per week during the first half of your lunch period until you demonstrate mastery of the standards for this course.

Parents and Guardians – we need your help please!

- Parents should actively check Infinite Campus for their students’ grade.
  - The grades on Infinite Campus will be accurate only at the monthly progress report dates.
  - Infinite Campus is a communication tool until final semester grade is posted.
- Please ask your student about their school work. Please ask them for access to their Canvas account.
- Check with your individual teacher for classroom procedures, schedules, and daily class news.