

2020 - 2021 Course Syllabus for Chemistry

Teacher: Mrs. Robin Malone; email: robin.malone@biloxischools.net

Teacher's Web Site: I will make use of Google Classroom. Class codes are on my BHS teacher website.

My primary goal in this course is to establish a safe and inclusive environment that will support your learning. Throughout the year, I encourage you to ask questions, desiring thoughtful dialogue to be central to our learning experience. In order to facilitate a productive and safe learning environment, we will each work to cultivate an environment where respect, thoughtfulness, and understanding abound. I welcome your feedback and encourage your participation in informal evaluations of the class. In addition, throughout the year, you can expect constructive feedback from me. This feedback will be designed to support your growth and understanding of the material presented.

Chemistry provides opportunities for students to develop and communicate an understanding of atomic structure, physical and chemical properties, and chemical change. Concepts covered in this course include properties of matter, atomic theory, bonding, periodicity, nomenclature, equations and reactions, stoichiometry, gas laws, solutions, equilibrium, and thermodynamics. Laboratory safety and activities, research, the use of technology, and effective communication of results through various methods are integral components of this course.

Tentative Course Outline:

Term 1: Lab Skills, Atomic Theory and Structure, Periodicity, and Bonding

Term 2: Nomenclature, The Mole, and Chemical Reactions

Term 3: Stoichiometry, Solutions Chemistry

Term 4: Acids and Bases, Gas Laws, and Thermodynamics

Course Requirements: Students will be required to bring material to class sufficient for doing assignments, taking notes, etc. Such materials include the following: 2-3" 3-ring binder with paper, a scientific calculator (usually costing \$10 -\$15 at department stores), pencils, colored pencils, a red pen, and the school issued laptop. These supplies are to be brought to class daily. Most tests will be given on the computer.

Course Expectations: You are expected to complete all class work, showing appropriate work to support your answer, and attend class regularly to be successful in this class. You are expected to study and to **review notes daily**, ask questions about material/concepts you do not fully understand, and attend after school virtual tutoring as needed. Finally, you are expected to take ownership and responsibility for your own learning, your work, and your grades in this class.

Tests and Grades

<p>Grading: A=90-100 B=80-89 C=70-79 D=65-69 F=below 65 I=incomplete Grading follows the policies of Biloxi Public Schools. A mid-term progress report and a report card following the end of each term are issued.</p>

Tests: (55%) There will be a test at the end of each completed unit. The test will come from the class notes, discussion, and study sheets that will be completed as we review and investigate the material. The date will be announced verbally and posted on the weekly calendar on the board in the classroom. Students missing the test will make up their tests upon return. Students will receive a "1" in the gradebook for the test until it has been taken.

Homework/Assignments/Labs: (35%) This will consist of bell ringers, daily work, homework, worksheets, lab activities, quizzes, class participation, and work assigned from each unit. If you are absent, you will have the opportunity to make up the missed work according to the guidelines given in the handbook.

***NOTE: 10 points will be deducted for an assignment that is turned in one day late. After this grace period the highest grade assigned to late work will be a 65. You are still responsible for the knowledge of the material covered for each test even if you are absent or suspended while the material is taught. I encourage you to come to after school virtual tutoring as soon as possible after absence(s) so I can help you get caught up. As you will see, each unit will build on the previous one, so you don't want to get behind.

Tutoring: I will be available for virtual tutoring after school on Tuesdays and Thursdays. The virtual tutoring hours will be from 4:30-5:15pm This will be a valuable time for you to make up work or to ask any questions about any material with which you are struggling.

Retesting: The purpose of retesting is to allow students who have put forth a satisfactory effort, but did not master the chapter content, a second chance. Students may only retest on chapter/topic tests (not term tests, daily quizzes, or projects). Each student is limited to one retest per term per class. Special consideration will be given to those students who are in danger of failing the class.

You will be given the opportunity to retest within ten days of your original test. The retest will NOT be the same as the original test. The highest test grade of the two will be recorded.

However, before you can retest, you must meet the following stipulations:

1. show honest effort during the original lessons.
2. provide evidence of serious attempt on the original exam. (Cannot turn in a blank/ half-finished test or state along the lines of "I'll just retest".)
3. attend at least one virtual reteach session on Tues or Thurs within ten school days of taking the first test.
4. complete all assignments/ homework/ classwork for current unit (no 1's)

Extra Credit: There will be no extra credit assignments given, however there will be an optional project or assignment offered once each semester to **replace** a test grade and once each term to **replace** a daily grade.

Old chemistry textbooks are available to be checked out if you need additional resources. We will not be utilizing this text in class, but it has much of the same information that will be presented in class. There are many excellent online tutorials available as well. Khan Academy, Brightstorm, and Science Geek are a few of them.

I look forward to an amazing school year with you!