

**CHEMISTRY**  
**Bozeman High School ✪ Mrs. Sturman**  
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## Welcome to Chemistry!

### I. Specific Course Objectives

- ❖ To introduce the student to the basic chemical laws and current theories under development
- ❖ To allow the student to gain a basic understanding of the mechanisms involved in chemical, physical and nuclear reactions
- ❖ To expand the students' scientific vocabulary
- ❖ To develop an understanding of the scientific method both in science and in other areas of life
- ❖ To allow the student to become familiar with general chemical apparatus and basic laboratory procedures
- ❖ To develop thinking skills necessary for making informed decisions

### II. Course Description/ Teaching Philosophy

- ❖ The scope of this course is to provide you with a broad overview of the subject.
- ❖ Chemistry is demanding and you should be prepared to spend time studying and completing homework and lab reports outside of class to become proficient. Be prepared to move at a steady pace.
- ❖ It is my belief that you are here because you have a desire to study chemistry. Since chemistry is an elective, I believe you have accepted the challenge and are here to work. This is an upper level college prep course, thus assignments will be comprehensive requiring time and thinking skills.
- ❖ Math – yes math will be a part of the concepts we study, especially 2<sup>nd</sup> semester. It may be necessary for you to take the initiative and review your math skills. I am available to answer questions after you have put forth such efforts.

### III. Course Requirements

- ❖ **Grades:**

90%+	= A
80% - 89%	= B
70% - 79%	= C
60% - 69%	= D
< 60%	= F
- ❖ BHS operates on a semester system. The semester grade is the grade that is used in calculating grade point averages.
  - Chapter Tests and Quizzes (48%)**
    - Material will come from lecture, readings, class discussions and lab. Tests will be given at the end of each chapter. You can expect 8-10 tests per semester.
    - Reading quizzes over assigned material may be announced or unannounced. If the quiz is unannounced you may use your own handwritten notes. These quizzes may be in lab or lecture.
  - Labs (16%)**
    - Write-up: Lab write-ups must be in a bound quadrille-lined book. Follow the format given to you.
    - A lab grade will be assigned to you each semester. It will be based on your lab notebook content, lab participation and safety, and lab quizzes which may be pre- and/or post-.
  - Homework (16%)**
    - You'll receive 3 points for assignments that are at least 70% correct. Papers that are less than 70% correct are worth 0 points.
    - Late assignments could be any assignment that was originally less than 70% correct or any assignment not completed on time. The first three late papers of a semester will be worth 3 points if they are at least 70% correct. After the 3rd late paper, late work will be worth 2 points. Late homework will not be accepted after you have taken the test for that chapter.
    - Each student should maintain a course notebook/folder solely for chemistry.
  - Semester Test (20%)**
    - Each semester you will take a comprehensive test! The test will include all material covered during the semester.
- ❖ **On-line Grades**

Grades will be updated weekly. Keep in mind lab write-ups and tests may take additional time to grade.

#### IV. Classroom Rules

- ❖ Respect the right of others to learn and my right to teach.
- ❖ Follow directions the first time given. Pay attention to specific lab instructions.
- ❖ Respect laboratory equipment. Your lab area must be clean for you to be dismissed. You will be fined for any lab equipment you break.
- ❖ Please address complaints to the teacher privately. Whining is not productive.
- ❖ Your integrity is worth more than any grade. Don't cheat.
- ❖ No hats, cell phones, i-pods.
- ❖ No food or drink in the lab.
- ❖ Stay in assigned seat until dismissed by the teacher. The bell does not dismiss you.
- ❖ Safe and responsible behavior is required in the laboratory at all times. Any student displaying dangerous/inappropriate behavior in lab will be asked to leave. The lab will not be made up, nor will any credit be received. A conference will follow to determine if the student should be allowed to return to lab.

#### V. Attendance – We will follow the current Bozeman High School Attendance Policy.

- ❖ *Tardies* – Be in your seat and ready to go when the bell rings, this includes lab periods! Follow the BHS tardy policy.
- ❖ *Unexcused absences* – Your 4<sup>th</sup> unexcused absence results in no credit for the course.
- ❖ *Excused absences* – Your 11<sup>th</sup> excused absence results in no credit for the course. (Exceptions are school approved activities, medical, bereavement)

#### VI. Make Up Work – Per the BHS attendance policy, make up privileges are not granted to those students who have unexcused absences from class.

- ❖ Tests – if you miss the day of the test, you take the test the day you return. If you miss several days, you will make up the test at the teacher's discretion.
- ❖ Daily assignments – it is the students' responsibility upon return to determine what work was missed and turn it in to the teacher (one day of make up allowed for each day missed).
- ❖ Labs – If you miss a lab you have one week to make it up.
- ❖ If you have an advance make-up – the work must be done prior to leaving. Please plan ahead to receive full credit.

#### VII. Supplies

Each student will need:

- ❖ A three ring binder (1" or greater)
- ❖ Filler notebook paper (non-spiral)
- ❖ Pens/pencils
- ❖ Calculator (brought to class each day)

#### VIII. Cheating

Academic integrity is critical to character development and the educational process. Student found to have engaged in cheating or plagiarism shall be subject to district and school discipline policies (see BHS student handbook).

*Students, please review this document with your parents/guardians. Signing and returning the attached sheet indicates you have read, understand, and agree to the content of the disclosure document. Please keep this document in your binder for future reference. I'm looking forward to a great year with you.*

**Text Book:** *Chemistry* (Prentice Hall c. 2008)