

Honors Chemistry

Mr. Hamman

School ph # - 636-3200 (ext 9040)

Email – hammand@mcsoh.org

Modern Chemistry. Holt, Rinehart & Winston, ©2009.

Chemistry - The science that investigates the composition, properties and changes in properties of substances and various forms of matter.

GOALS & EXPECTATIONS

1. The classroom will be a positive learning environment. Chemistry is and will be fun. Dedication and hard work will be necessary to understand difficult concepts.
2. Throughout the class, we will perform MANY experiments and activities that demonstrate and reinforce various properties and theories in chemistry.
3. Chemistry is a lab and observation based course. The experiences you have in lab are just as important as the classroom experiences.
4. Chemistry will be a challenging and comprehensive course, what you learn in Ch. 1 you must still understand in Ch. 22.
5. This course is designed for those students with strong skills and desires in science and mathematics and considering pursuing these fields in college. The students must be prepared for the challenges this honors course will create.

CLASSROOM EXPECTATIONS

1. Bring all necessary materials to class. (**pencil**, paper, textbook, calculator, lab materials.) Be on time. You will be **in the room** before the bell **stops** ringing or you will be tardy.
2. As attendance is being taken, the students should get materials out and be ready for class.
3. Everyone's attention is required during class. Be respectful and considerate of each other.
4. Attendance is critical for success. It is the student's responsibility to determine what was missed.
5. Assignments turned in after the designated time, will have points taken off.
6. Book will always be covered. Periodic checks will occur.
7. Obtain a **separate folder** and **3-ringbinder** for **Chemistry** paperwork **only**.
8. All assignments will be in pencil, unless typed. No assignments in pen.
9. All assignments will be on loose leaf paper will be without the "torn edges".
10. A graphing calculator is highly recommended. The length of calculations can be extensive; the large is helpful.
11. Students must have access to a computer and internet (school and/or home). Assignments and related materials will be on the class website (www.mcsoh.org/mhs/science/Hamman/Hamman_index.html) to view. Also, some assignments will be turned in by using email (*A separate paper explains expectations*).
12. Supplemental projects will be assigned throughout the year.
13. This course will prepare you to be more independent and self-sufficient. With that, comes a higher expectation level of maturity and responsibilities.

LAB EXPECTATIONS

1. If it is not a designated lab day, students WILL NOT be in the lab area. An experiment may be set-up for another class.
2. The students are expected to read the lab procedures/instructions before they come to class. A more efficient usage of the lab time will result from the pre-reading assignments.
3. SAFETY COMES FIRST. Students will follow ALL directions for an experiment. The procedures will not be altered by the students.
4. During lab sessions the lab area may be very crowded. Be very aware of what is happening at your lab station, table and in the room.
5. Defacing of lab tables, deliberate destruction of equipment or unapproved experiments will result in severe punishment and probable removal from the class.
6. Periodically, students will write their own lab reports. They will be responsible for including the necessary section and data. (*A separate paper explains expectations*).
7. Students must bring lab goggles to class or they will receive a 'zero' for the lab.

CHAPTER EXPECTATIONS

1. Students will download a chapter/unit assignment page. Each page will contain several items including (but not limited to) important sections or topics, labs/experiments to be completed, textbook homework to be assigned.
2. Students will be assigned online homework through the website. It must be submitted before the student takes the chapter/unit test.
3. Students will collect and organize a 'Course notebook' using a 3-ring binder for the entire year. This notebook will be turned in periodically during the school year. (*A separate paper explains expectations*).
4. Experiments/labs performed will be collected by the deadline after the procedures were completed. Labs will usually be completed by lab partners. All students are expected to contribute to the assignment.

COURSE OUTLINE

The following chapters will be covered each semester:

Semester 1 --- chapters 1-11.

Semester 2 --- chapters 12-22.

All chapters may not be covered in detail.

GRADING

Each 9-weeks grade is calculated based upon weighted grades. Assignments will be in three categories – Tests, labs/experiments, and all other assignments (homework, notebooks, quizzes, misc.) The % grade is determined by the points earned divided by the points possible in each category and then multiplied by the corresponding weight.

Weights

60% - Tests
25% - Labs/Experiments
15% - HW, quizzes, notebooks, misc.

Scale

97 - higher	= A+
93 - 97	= A
90 - 92	= A-
87 - 89	= B+
83 - 86	= B
80 - 82	= B-
77 - 79	= C+
73 - 76	= C
72 - 70	= C-
67 - 69	= D+
63 - 66	= D
62 -	= F

Semester grade - 40% for each 9-week grade (2/5ths, 2/5ths)
20% for semester exam (1/5ths)

Grades can be viewed online through the Parent Assistant program.

HOW TO SUCCEED

1. Work ahead
2. Be organized
3. Listen, ask questions and PARTICIPATE
4. Come in for help when struggling
5. “Greatness is achieved through the attention to detail. If we fear mistakes we will probably make more of them.”

STUDENT & PARENT/GUARDIAN ACKNOWLEDGEMENT

I, _____, have downloaded and read the Honors Chemistry syllabus. I understand my responsibilities and the expectations of this course. I will abide by those expectations as well as all the rules stated in the MHS Student Handbook.

Student signature _____

Date _____

I have received my child's copy of the Honors Chemistry syllabus.

Parent/Guardian signature _____

Date _____