

CHEMISTRY 2/3
Class Information

Instructor: J. Anderson
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TEXT: *Chemistry: Visualizing Matter*, by Holt

DESCRIPTION: This class is designed as a first year chemistry course in preparation for college. It is an introduction to the science of chemistry, its concepts and applications. The subject matter is developed through lecture, class discussion, demonstration, laboratory and problem solving experiences.

MATERIALS: You will be given a **packet** of worksheets for each unit, containing an assignment sheet, worksheets, and laboratory sheets. You will keep your packet in a folder which you **must bring to class daily!**

- You will also need to bring a scientific calculator, such as the TI-30, to class daily.
- download packets at **<http://auden.webster.edu/~anderjoe/packets>**

REQUIREMENTS:

- Don't be absent. Show up on time. Outstanding attendance is vital to passing this class and understanding chemistry. *You are solely responsible for making up missed material.*
- Participate in discussion & activities. Our class activities are what make our class fun.
- Follow safety rules. There will be zero tolerance for being unsafe during a lab activity.
- Do your assignments on-time. Study. Keep-up with the class. Chemistry can be difficult. You will need to work to earn a good grade, and you'll learn lots of cool science stuff too.
- Do your own work. Cheating will be reported to your parents & the school administration. Cheating includes copying work from someone else's **packet**. You may work together with someone else, but you must do your own work & earn your own grade.
- Get help if you need it! Stop in anytime, before or after school, and I will help you!

GRADES: * class grades will be posted & updated after each packet *

- packets - your **packet** will be turned in on quiz days. Its point value can vary from 40-100 points. To ace the **packet**, complete all book work assignments, worksheets, and lab sheets fully.
- quizzes - material on quizzes comes from class discussion, book work, worksheets, and labs, and demos. They can be worth 50-100 points. To ace the quizzes, study & understand everything in your **packet**.
- spot-checks - I will randomly check assignments from your **packet** for completion. Spot-checks will be worth 5-10 points. These are E A S Y points!!! All you have to do is complete your assignments on time!!!
- mini-quizzes - They can be worth 5-15 points each. No tricky questions here... so they can be E A S Y points if you keep up with assignments.
- special projects - other assignments, such as presentations, etc. will be done throughout the semester. Each special project will have its own grading criteria. Usually worth 50 points.
- extra-credit - from time to time, opportunities for extra-credit (BONUS POINTS!) will arise. These can really boost your grade.
- MID TERMS / FINALS - These cumulative tests can be worth 4 times as much as a quiz. (200+ points)

MAKE-UP WORK: (if your absence is unexcused, no make-up work is possible. You will get a zero.)

- For EXCUSED absences:

If you miss a lab, you will be responsible to arrange a time (outside from class time) to make-up the lab ASAP.

If you miss a test, you will make-up the test the following day *(or have it proctored by your parents)

If you miss a class discussion, you will have to get notes from someone else in class.

TARDIES:

Students will be given eight (6) "excused tardy" passes each semester. Once out of passes, tardies will start to count.

The 1st unexcused tardy, the student will stay after class to discuss his/her situation.

The 2nd unexcused tardy, the students' parents will receive a phone call.

The 3rd unexcused tardy, the student will receive a detention.

Grades:

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

1st semester:

Packet # -- Topic

- #1 -- Chemistry & Measurement (Ch 1, 2)
- #2 -- Energy (Ch 2, 11)
- #3 -- Atomic Theory (Ch 3, 4)
- #4 -- Naming Chemicals, Bonding, Structure (Ch 5, 6)
- #5 -- Stoichiometry (Ch 8, 9, 10)
- #6 -- Nuclear Chemistry (Ch 18)

2nd semester:

- #7- The Gas Laws (ch 13)
- #8- Solutions (ch 14, 15)
- #9- Acids, Bases, & Salts (ch 17, 18, 19)
- #10- Organic Chemistry (ch 25, 26)