

HONORS CHEMISTRY

Class Information

Instructor: J. Anderson

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TEXT: *no textbook for this class.*

DESCRIPTION: This class is designed as a continuation of honors chem 1. 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. We will review materials learned in chem 1, and build many new concepts in preparation for college-level chemistry.

MATERIALS: You will use 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 to class daily. You will need a dry erase marker for some of the activities.
- download packets at www.parkwayschools.net/west/teachers/anderson and click "**honors chemistry**"

REQUIREMENTS:

- Don't be absent. 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 science dept. has a 'zero tolerance' policy on cheating. Any cheating will result in a zero-grade for that assignment or quiz. 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! I make myself available to help students who stop-by!

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 20-40 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 40-75 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 2-5 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.
- bonus - from time to time, opportunities for BONUS POINTS will arise. These can really boost your grade.
- FINALS - These cumulative exams can be worth 3 times as much as a quiz.

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 quiz, you will make-up the quiz the following day, usually a more challenging version unless you've made arrangements otherwise (such as emailing or calling teacher). For planned absences, let teacher know ahead of time.

TARDIES:

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

Any unexcused tardies after passes have 'run-out' will be a detention.

An unexcused absence costs you all remaining passes.

GRADES:

H = 97 or over A = 96 - 90 B = 89 - 80 C = 79 - 70 D = 69 - 60 F = below 60

CELL PHONES: Phones are not to be used during classtime. First offense will be a warning. Subsequent incursions results in detention. Visible cell phones during quizzes or exams = zero points (no tolerance)

1st semester:

- #1 -- Chemistry & Measurement
- #2 -- Atomic Theory, Periodic Table
- #3 -- Nomenclature, Bonding, Structure
- #4 -- Stoichiometry
- #5 -- Gases (Gas Laws)
- #6 -- Nuclear Chemistry

2nd semester:

- #7 - Thermodynamics
- #8 - Water & Solutions
- #9 - Kinetics & Equilibrium
- #10 - Acids & Bases
- #11 - Electrochemistry
- #12 - Organic Chemistry