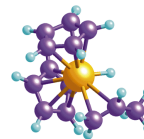


Chemistry PreAP Syllabus 2018 / 2019



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Chemistry PreAP is a first-year chemistry course designed to meet the needs of the student who plans on continuing on to AP Chemistry or to a college chemistry class. A Chemistry PreAP student is expected to have completed geometry and be concurrently enrolled in Algebra II or higher.

Unit 1 – Math and Measurement
Unit 2 – Matter Classification
Unit 3 - Atomic Structure
Unit 4 – The Modern Atom
Unit 5 - Periodicity
Unit 6 - Bonding
Unit 7 – Molecular Structure
Unit 8 – Chemical Nomenclature
Unit 9 - Chemical Calculations

Unit 10 – Chemical Equations
Unit 11 - Stoichiometry
Unit 12 – Gas Laws
Unit 13 - Solutions
Unit 14 - Electrochemistry
Unit 15 – General Equilibrium
Unit 16 – Acid / Base Equilibrium
Unit 17 - Thermochemistry
Unit 18 – Kinetics and Nuclear
Unit 19 – Qualitative Analysis

Required Materials

- Each student will need to bring a charged iPad with note taking app everyday
- A quadrille-lined laboratory notebook with carbon copy capability. A \$15.00 class fee will be assessed to each student to cover the cost of these notebooks and each student will receive his/her notebook in class. The fee may be paid by cash, check or money order to the school book keeper or by credit card on the school website. This fee can be paid beginning the second week of school. This is NOT paid directly to the chemistry teacher.
- A graphing calculator (A TI-84 is strongly recommended).

The text book (*Glenco Chemistry, Matter and Change*) is available to be used online. Hard copy books are available to be checked out from the teacher if desired.

Grading

70% Test, 15% Labs, 10% Quizzes and 5% Practice. One quiz, one practice assignment and one lab grade will be dropped each grading period. See test section for details about test grades.

Website

A google calendar will be available on the website with test, quiz and lab dates. The website will also contain lecture videos (for absences/extra help), lab procedures, and reference material. It is the students' responsibility to stay familiar with the website and to keep up with the calendar and all information provided. A detailed unit calendar will be provided at the beginning of each unit. Any changes that need to be made to the calendar after posting will be announced in class. The PreAP Chemistry website may also be accessed from the school web site (whs.eanesisd.net). To access all materials, go to staff directory/websites, scroll down, and click on your teacher's name.

Google Classroom

Each teacher will maintain a google classroom for each separate class period. It is the student's responsibility to join the appropriate class and come prepared to class each day with their charged iPad. Most assignments will be accessible through google classroom including assigned videos, unit packets, and additional practices.

Practice

Practice will be assigned regularly both in class and out of class. Out of class practices will be checked for understanding at the beginning of the class period on the due date. An answer key will be posted for all out of class practices on their due dates. *If the practices are not done, the tests will be a CHALLENGE!!* Late work is not accepted. One practice assignment will be dropped each grading period. Practices that are assigned may differ by teacher.

Make-Up Work

All work must be made up in a timely manner (1 day of makeup time for each day of absence). Any incomplete work will result in a zero. If there are extenuating circumstances, the student must individually approach the instructor and make other arrangements. Ultimately, it is the students' responsibility to get things made up. Make up tests will be completed in the testing center therefore the student must carry their ID with them at all times per school policy.

Lab Write-Ups

See "The Laboratory Notebook" given in class for lab format. Read CAREFULLY!

Labs must be turned in on the assigned due date, at which time students will take a lab quiz. Labs will be accepted one day late with a 30 percent deduction. Make-up data will be posted on the website for most labs. Please note that this data is for use by students who have an excused absence on the day of the lab or have teacher authorization to use it. Unauthorized use of make-up lab data in place of your data will result in a lab grade deduction of 50%. One lab grade will be dropped at the end of each grading period. Labs are not necessarily graded out of 100 points and are therefore not weighted equally to each other.

Quizzes

All quizzes can be announced or unannounced. These will be graded by the teacher, peer-graded, or self-graded at the individual teacher discretion. Quizzes provide both the student and the teacher an opportunity to assess the level of student comprehension and determine what areas the student is struggling with prior to the test. One quiz will be dropped at the end of each grading period.

Tests

Tests will be given at the end of each unit and be worth 100 points. Students will have the opportunity to review their original unit tests in class. There will be a 100-point quarter final given at the end of each nine weeks grading period. For the 1st and 3rd nine weeks, the quarter final will be given in class. For the 2nd and 4th nine weeks, the quarter final will be embedded in the semester final. If a student is able to exempt the semester final, they may choose to take just the quarter final portion however it must be taken during the exam period. If a student takes the semester final, two grades will be recorded, one for the semester final and one for the quarter final. The quarter final grade will reflect the grade from only that nine weeks. The lowest grade from the unit tests and quarter final from each nine weeks will be dropped. If a student is able to exempt the semester final and also chooses not to take the quarter final, the quarter final grade will be the dropped test grade.

Please become familiar with the WHS Honor Code and the consequences associated with violations.

I understand the importance of academic integrity at Westlake High School, and I vow to be honest and honorable in all of my dealings with fellow students, faculty and staff. I understand that each time I sign my name to a school document, I am reaffirming this pledge.

We look forward to a great year!

