

Chemistry
Pearland High School
Mr. Dickson, Room 2636
Course Syllabus, Policies and Procedures

Introduction

Chemistry is an exciting branch of science that focuses on the study of the composition, structure and properties of matter as well as the changes it goes through during chemical reactions. It is one of the core sciences required for graduation. It is a LAB SCIENCE that requires each student and parent to sign and return both a Syllabus Agreement and the Lab Safety Contract. Mathematical skills through Algebra II are used in problem solving. Furthermore, this course emphasizes reasoning, communication, and connections to everyday life.

Course Requirements

In order to show an understanding of the Texas Standards and successfully complete this course, you must:

- Complete all class and home assignments according to directions and by due dates. It is your responsibility to copy and reference assignment sheets that highlight practice and graded assignments, tests, quizzes, lab investigations and group activities.
- Complete SCOPE assignments.
- Come to class prepared everyday. You will be expected to have all of your materials for this class daily.
- Participate in class discussions & cooperative learning activities, and ask questions appropriate to the day's lesson and activities.
- Study and prepare for tests and quizzes. **I recommend reviewing class notes each night for 10 – 15 minutes.**

Science Lab

Performing labs are an essential part of this course, and the safety of all students is non-negotiable. Students are required to wear closed toe shoes, tie long hair back, and wear safety apron and goggles as well as any other guidelines stated in the Pearland Lab Safety Contract. **THERE IS ZERO TOLERANCE FOR INAPPROPRIATE BEHAVIOR IN THE LAB!** Any misbehavior by the student in the lab will result in immediate removal from the lab, a referral to the assistant principal, a phone call to the parent, and a zero for the lab. **In the event you are absent during lab, all labs will only be made up Wednesday from 2:20-3:00 PM each week.**

Chemistry Scope and Sequence

1st TERM	Unit A: Lab Safety Unit B: Properties of Matter Unit C: Measurement Unit D: Atomic Structure & Theory Unit E: Nuclear Chemistry	-Safety -Matter -Dimensional Analysis -Atoms
2nd TERM	Unit F: Electron Configuration Unit G: The Periodic Table Unit H: Bonding & VSEPR Unit I: Nomenclature Unit J: Empirical/Molecular For.	-The Periodic Table -Bonding -Naming Formulas
3rd TERM	Unit K: Chemical Reactions Unit L: Stoichiometry	-Conservation of Mass

	Unit M: Gas Laws Unit N: Solubility	-The Mole -Solutions
4th TERM	Unit O: Acids and Bases Unit P: Thermochemistry	-Acids/Bases -Energy Change

Class Expectations

1. Be PROMPT. Be ready for class when you walk into the classroom and be in your seat when the bell rings.
2. Be PREPARED. Bring your necessary supplies to class every day.
3. Be RESPECTFUL. Treat others with respect.
4. **DO NOT** bring food or drink into the classroom
5. Be TIDY. Please keep your area clean. Trash must be placed in its proper place.
6. Always try your best – give 100%! Be ready to work every day. *Make an effort, not an excuse!*

Evaluation

Grading policies will comply with the PHS Student Handbook policies. Grades will be determined as follows:

- 60 % Tests, Projects
- 30 % Labs and Quizzes
- 10 % Daily work (SCOPES, INB, exit tickets) or homework

Grading Scale

A - 90-100; **B** - 80-89; **C** - 79-75; **D** - 74-70; **F** - \leq 69

Policies

Attendance: ***It is the student's responsibility to obtain make-up assignments missed after an excused absence.*** You will have 3 days to make-up missed class assignments or tests/quizzes. Test and Quiz make-ups will take place *after* school during tutoring times. Any assignments given prior to the absence are due upon return.

Tardiness: Tardy students must report to the tardy station and return to class with a tardy slip to enter. Per state law, if a student arrives late to class 10 or more minutes, that student will be considered absent.

Late Work/Make-up* Late work will be accepted up to **three** days after due date with a maximum score of 70%. After three days a grade of a zero will remain in the gradebook. Late work assignments will only be accepted if attached to a pink slip indicating the assignment is late. Pink slips must be signed by both the parent and student. Make-up/absence assignments must be attached to a yellow absentee slip to ensure full credit for the assignment.

BYOD: Electronic devices can be used only when the green BYOD sign is visual. If an electronic device is being used while the red BYOD sign is present, the device will be **confiscated** and subject to a **\$15** fine.

Testing: Students will only be allowed to use calculators provided by the teacher and will be required to turn in their cell phone on testing days. Failure to turn in cell phone will result in a zero for a grade.

****Retesting**** In order for a student to be eligible for a retest, the student must make corrections on their original test. Tutorial time will be required before reassessment can take place. The maximum grade on any redo or retest will be a 70. The retest will be given at one time for all Pearland High School Pre-AP students. The date will be announced at the administration of the original test and the time is always from 2:25- 3:25 PM.

Computer Access: Computer access is imperative for your success in Pre-AP Chemistry. We will begin assigning online homework after the first week of school. Student can access a computer in the library if one is not available at home.

Students must adhere to all other policies as stated in the handbook!

- Conference period: 3rd period
- Telephone: 281-997-7445
- Email: dicksona@pearlandisd.org
- Website: www.pearlandisd.org/pearlandhs

Supply List

1. 1 three ring binder with 4 dividers
2. 1 composition notebook
3. 1 roll of paper towels
4. 1 box of tissue
5. Scientific or Graphing calculator – graphing calculator accepted, but not required; square root, exponent, and log functions recommended
6. 4 AAA batteries
7. 1 box of Lysol wipes

PLEASE BRING SUPPLIES BY September 3rd

I have read & I understand the above policies for Mr. Dickson's class.

Sign your name Print your name

Parent/Guardian Signature Parent/Guardian Printed Name

****Please return the signed syllabus to Mr. Dickson. He will keep this contract on file for the 2020 – 2021 school year! ****