**Plano High School**

**Course: Honors Chemistry**

**Text: Introductory Chemistry**

**Instructor: Mr. Paoli**

 **E-mail:** **kpaoli@plano88.org**

 **Phone:630-552-3178 ext. 8502**

 **Room: F213**

 **Website: http://paoliplanohonorschem.weebly.com**

**COURSE DESCRIPTION:** Chemistry Honors is a **weighted** class designed for students who can handle a more in-depth approach and faster pace of instruction. Chemistry Honors is an introductory course in chemical concepts including scientific method and measurement, basic chemical principles, language of chemistry, knowledge of chemical reactions and change of state, as well as mathematical concepts that apply throughout the course. This course will provide a foundation for college chemistry coursework and other related courses. *Students need a scientific calculator.*

**COURSE OUTLINE:**

1.Measurement and Matter 7. Stoichiometry

2. Elements, Atoms, Molecules, and Nuclear 8. Energy

3. EMR, Orbitals, Bonding 9. Reaction Rates and Equilibrium

4. Bonding, LDS, and VSEPR 10. Solutions, Acids/Bases

5. Types of Reactions 11. Gases

6. Naming, Empirical/Molecular

**COURSE OBJECTIVES AND REPRESNTATIVE PERFORMANCE SKILLS**: Students entering honors chemistry should have a basic understanding of the processes of scientific inquiry and technological design to investigate questions, conduct experiments, and solve problems, scientific method, how to graph, and basic lab tools.

**METHODS OF EVALUATING OUTCOMES**: Grades are based on labs, quizzes, tests, and homework.

**GRADING POLICY**: Grades will be primarily based on tests quizzes, and labs. Most homework will not count for a grade

**TEACHER EXPECTATIONS AND CLASS POLICIES**:

**Rules:** There is one classroom rule: Respect!

This rule can be broken down into three parts:

1.Respect the teacher

2.Respect each other

3. Respect yourself

**Lab Safety:** A safety contract will be sent home on the first day to be signed by the student. If this safety contract is violated the student will be given a zero on the lab and disciplinary action may follow depending on seriousness of the offense.

**Own It:** It is your responsibility to let me know if there is something confusing that you don't understand before we move on. I will make myself available before school, during learning lab, and after school to work with you to better understand confusing material. You have an opportunity of a quality education. Take advantage of it!

**Excellence:** As a teacher I expect great things out of you. I believe you are capable of success if you are willing to work hard. I will work with you to achieve excellence.

**Open Door Policy:** My door is always open to talk, especially about improving instruction in the classroom. If you think we can improve instruction in the classroom please let me know what your suggestions are. If it helps you learn I'm all for it.

**3 Strikes, You’re Out:** It is essential that you are completing homework when it is assigned. If you do not practice you will not perform well on tests and quizzes. If you miss two homework assignments an e-mail will be sent home to you parents/guardians. If you miss a third assignment it will result in a one-hour detention.

**Retakes:** No one is perfect. If you do not perform well on your tests you may perform test corrections on two tests per semester. You will receive ½ points back for incorrect answers. Note: In order to do test corrections you must have all homework assignments completed for the unit. Test corrections must be done before school, during learning lab, or after school with the teacher present.

**Late Work:** Late work will be accepted to the day of the unit test. After this the assignment will stay a zero in the PowerSchool. Every school day it is late a 10% deduction up to 50% will be applied.

PLEASE SIGN AND RETURN THIS FORM. KEEP THE COURSE INFORMATION FOR FUTURE REFERENCE.

I have read and understand the Chemistry Course Guidelines.

Student (Sign Name) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date\_\_\_\_\_\_

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How would you like to be contacted? Phone email

Please provide me with the best phone number or email with which I can reach you.

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