**Honors Chemistry Syllabus**

Jennifer Douglass

Jennifer.Douglass@hcbe.net

**Required Materials**:

 3-ring binder with 15 tabbed sections

 Scientific calculator

 Paper/pencil/pens

 Colored pencils

 Device for connecting to Google Classroom

**Textbook:  *Introductory* *Chemistry*** (provided as an online resource). Replacement cost for hard copy textbook: $132.97.

**Course Description:** The *Chemistry Georgia Standards of Excellence* are designed to continue student investigations of the physical sciences that began in grades K-8 and provide students the necessary skills to be proficient in chemistry. Students investigate chemistry concepts through experiences in laboratories and field work using the process of inquiry. For more detailed information, go to

*https://www.georgiastandards.org/Georgia-Standards/Documents/Science-Chemistry-Georgia-Standards.pdf*

|  |  |
| --- | --- |
| ***1st Semester*** | ***2nd Semester*** |
| * Atomic Structure
* Electrons
* Nature of Matter and Periodicity
* Covalent Chemical Bonding
* Ionic Chemical Bonding
* Intermolecular Forces and Properties of Matter
* Chemical Reactions
* Molar Relationships
* Stoichiometry
 | * Kinetics and Equilibrium
* Thermodynamics
* Kinetic Molecular Theory and Changes of State
* Gases
* Solutions
* Acids and Bases
 |

**Teacher Expectations:**

***Academic Attitude:*** This course will require daily preparation. Students are expected to maintain high academic and personal standards.

***Laboratory Participation*:**Students will be required to follow all safety procedures at all times during in person labs. **Failure to follow proper lab protocol and safety procedures will result in an immediate dismissal from the lab and a zero for that assignment.** Students who are absent for lab may be given an alternative assignment at the discretion of the teacher.

***Class Participation:*** Students are expected to participate in class discussions and activities.

***Student Conduct****:* Students will be provided with an organized, efficient, and challenging classroom environment that promotes academic excellence. In return**, it is expected and required that VHS rules of conduct and classroom safety rules be followed at all times.**

***Late work and Class Absences/Academic Integrity:*** Policies outlined in the VHS Student Handbook will be followed.

**Tutoring Availability: Tutoring will be available after school on Tuesdays.**

**Grading:** Grades will be updated weekly and available to parents and students via the parent portal.

* Major Assessments                45%
* Daily Work                               15%
* Minor Assessments             20%
* Final Assessment           20%

*This course includes a cumulative exam at the end of each semester*.

Students may re-take two major assessments per semester, after completing an online review assignment. A re-test cannot replace a zero for a task which was never completed.

**Google Classroom**

To encourage blended learning, online assignments will be posted weekly through Google Classroom. At least one Google Classroom assignment per week will be graded and entered in Infinite Campus. Students should be familiar with how to navigate the online platform, communicate with their teacher, and submit assignments on time.  If there are technology limitations, please notify the teacher.

**TEXTBOOK SITE AND ONLINE HOMEWORK SYSTEM**

You will have access to an online textbook. We will register for that textbook in class. Additionally, you will have a weekly online homework assignment that is accessed at our course home page.

**PARENT SIGNATURES**

**Parent signatures for this syllabus and for the lab safety acknowledgement statement will be collect via your student’s Google Classroom Page. Your student will be able to pull up that page for you. At that time, you may also set up parent access to the course.**