**Introduction to Chemistry**

Welcome to Chemistry! This is a full year course that will provide you with a strong foundation in chemical science. In this course we will cover elements on the periodic table and their properties, the nature of chemical bonding and reactions, the origins of the elements in the universe and nuclear chemistry, and so much more. This course is designed to serve as a foundation for future science courses.

**Class Objectives:**

"The Chemistry Core Curriculum has two primary goals: (1) students will value and use science as a process of obtaining knowledge based on observable evidence, and (2) students’ curiosity will be sustained as they develop and refine the abilities associated with scientific inquiry." - USOE Core Standards for Science

**Required Class Materials**

1. Pencils & Pens (blue or black)
2. $20.00 Lab Fee to be turned into the main office
3. A Scientific Calculator — few are provided in class, but it must stay in the classroom (Recommend TI-30 or graphing)
4. Binder with paper/notebook that will be kept in order

**Attendance/Engagement Policy**

The Hillcrest High School attendance policy will be followed and enforced. If a student accrues 5+ attendance marks (tardies + absences), they will receive a “No Grade” (NG) for that class and will not receive credit until the attendance is made up. Being present and engaged in class will most likely lead to your success in Chemistry. Simply coming to class is not enough. Come to class prepared to learn, complete the assigned work and pay attention to what your teacher is covering with you. Lack of student engagement often leads to student failure.

**Grading System:**

Grades will be determined according to students’ scores according to the following categories:

<table>
<thead>
<tr>
<th>Tests &amp; Assessments</th>
<th>Quizzes</th>
<th>Labs</th>
<th>Classwork &amp; Homework</th>
</tr>
</thead>
<tbody>
<tr>
<td>60%</td>
<td>15%</td>
<td>15%</td>
<td>10%</td>
</tr>
</tbody>
</table>

**Grading Scale:**

Letter grades will be assigned according to the following scale:

- A (90-100%)
- B (80-84.99%)
- C (70-79.99%)
- D (60-64.99%)
- B+ (85-89.99%)
- C+ (75-79.99%)
- D+ (65-69.99%)
- F (0-59.99%)

*No extra credit will be offered on an individual basis. An Incomplete grade (I) may be given during the quarter. This indicates that a student has not completed sufficient work for their teacher to determine their grade. If the Incomplete is not resolved prior to the predetermined date, the Incomplete will turn into a failing grade.*

**Grade Notification/Parent Communication**

Hillcrest High School uses Skyward to record grades. Grades will be available online for your convenience and updated weekly. Students and parents will have access to Canvas where our daily schedule will be posted. Any information that is not posted to Canvas in a timely manner will be emailed to students and parents through Skyward. If you need to get in contact with your teacher, please email them directly. If you need to contact your teacher, please email them directly. Teachers are available by appointment Monday, Wednesday and Friday mornings between 7 and 7:50 am or after school between 2:30 pm and 3:00pm. Teachers may be unavailable without a prior appointment.

**Late Work**

Work is considered late if it is not turned in at the beginning of the period it is due; turning work in on time provides students with more opportunities to master the material prior to the assessment. Students have the opportunity to receive full credit if work is turned in before the end of the unit and students will lose up to 30% if work is turned in after the end of any unit, and no work will be accepted after a quarter ends.
**Make Up/Absent Work**
It is the responsibility of the student to contact me prior to an absence concerning work that will be missed. All missed work can be found on the daily Canvas page, including any notes that you missed. Due to the nature of lab work, some lab activities may not be available to make up but an alternative activity will be given within a designated time period.

**Test Corrections Policy**
If the first attempt on an assessment does not reflect concept mastery, the student will need to do corrections by the retake deadline. To be eligible for test corrections, you must make up other assignments relating to that unit. Students will fill out a corrections form. It is the student’s responsibility to track their progress and come in during APP time for corrections.

**Academic Dishonesty**
Any student found cheating on a test or assignment will receive a grade of “0” for that test or assignment. Cheating includes, but is not limited to, copying another student’s work (with or without their knowledge), allowing another student to copy your work, or using materials during a test other than those allowed. Studying together can be beneficial, but the work each student submits must be their own even when working in groups. Plagiarism is not accepted.

**Note Taking Strategies**
Note taking is an invaluable tool that will be utilized in the classroom often. Notes will periodically be allowed to be used on quizzes or tests. Students’ notes will also be a primary source of study material in the classroom.

**Electronics Policy**
Electronic devices will only be used when the instructor directs students to use them for an academic purpose. Students who use them for non-academic purposes will have them confiscated or/and may lose privileges in the classroom.

**Academic Prep Period/Additional Help**
Academic Preparation Period is a specific time during the school day set aside for students to re-take tests, get extra help, review school rules, listen to announcements, and attend specified study halls. If a student needs additional help, they must set up an appointment to see their teacher before school MWF or after school at least a day in advance.

**Classroom Rules**: These provide a safe environment in which each student feels safe and can work to their full potential.
1. **Respect** your teacher, peers and their property.
2. Be seated and ready to work **before** the bell rings.
3. Bring required materials daily and give your **best effort!**
4. **No food or drink** (other than water in a closed container) for safety in the lab environment
5. No electronic devices or cell phones (unless directed by the teacher). Chromebooks may only be used as directed.

**School Rules**: Students are expected to follow all school rules during class. These include but are not limited to:
1. Huskies always attend class on time, all the time, and never sluff.
2. Huskies always eat lunch in designated areas and keep halls and restrooms clean.
3. Huskies always show respect to and expect respect from all adults.
4. Huskies always remove hats and follow the dress code.

**Consequences**
1st & 2nd offense: Verbal Warning
3rd offense: Written Warning with Student Signature (Student Contract)
At this stage, lab privileges, a new seat assignment or other privileges may be lost. Students may be placed on a student contract. If the contract is not followed, students may be placed in lunch detention.
4th offense: Parent Contact/Lunch Detention
5th offense: Administrator referral
Severe or repeated offenses may result in skipping steps. Violation of lab safety rules may result in the loss of lab privileges and points.
Materials Fee: This course has a materials fee of $10.00 which must be paid to the main office within the first two weeks of school. The fee is used to cover the cost of specimens and disposable laboratory equipment/supplies. If you qualify for a fee waiver, your teacher still needs a copy of your receipt from the office.

Any specific problems or requests not covered in this document will be handled individually at your teacher’s discretion.

I agree to help maintain a positive learning atmosphere in our classroom by following the class expectations below:

1. I will be respectful of teacher, peers, and all else in the classroom.  
   **Student Initials:**

2. I will be seated and ready to learn in my seat before the bell rings.  
   **Student Initials:**

3. I will bring my required materials everyday and always give my best effort.  
   **Student Initials:**

4. I will leave food and drink outside the classroom (except closed water bottles) for science safety.  
   **Student Initials:**

5. I will keep my electronic devices and/or cell phone stowed away (unless I have permission from the teacher to use my device). I will only use Chromebooks as directed.  
   **Student Initials:**

6. I understand that copying tests, quizzes, labs or assignments constitutes as cheating and that I will receive a zero if I am cheating.  
   **Student Initials:**

Hillcrest High Environmental Science Disclosure

Environmental science focuses on the understanding of interrelationships of the natural world, analyzing environmental problems (natural and human-caused), evaluating risks associated with these problems, and examining ideas for solutions or prevention. Some of the wide ranging topics are energy, ecology, the Earth, humans and nature, human population and survival, sustainable use of resources, and environmental issues.

This course is designed to prepare students for science courses in their first year of college. This is a rigorous science course that stresses scientific principles, analyses, and experiments while learning the wide range of concepts and issues related to environmental science. College credits may be earned upon successful completion of the AP Environmental Science exam.

Environmental Science is offered to 11th & 12th graders, because an understanding of another lab science and algebra are useful for the quantitative analyses that will be performed. Expect to actively participate in every class, study for tests, and do ten to thirty minutes of work outside of class for every class period.

Grades

Tests, Quizzes, & Assessments will count for approximately 75% of your grade. Retakes will be offered for each assessment only if the student has passing grades on all assignments within the unit. Retake scores will be averaged with your original score. If you have an excused absence during the day of a test, you will be able to make it up on your own time. If you have an unexcused absence during an assessment you will receive a zero as your original score.

Activities & Labs will count for approximately 15% of your grade. These are an important and exciting part of science. Safety will always be a priority and will be practiced by everyone. Students may walk up to 1 mile on and off campus with their class during some experiments.

Assignments, including homework, and classwork will count for approximately 10% of your grade. Assignments submitted on time can be redone and resubmitted; scores will be averaged with the original submission. Any assignment turned in after the time it is due will be docked by up to 30% of the earned score. Any late assignments must be received before any midterm or quarter deadline. No extra credit will be offered to individual students.

Notes are valuable and will be required in all science classes. Points for notes may count toward assignments and/or labs. They may also be periodically used during other assignments, labs, quizzes, and tests.
Grading Scale

A  90-100%  
B+  85-89%  
B   80-84%  
C+  75-79%  
C   70-79%  
D+  65-69%  
D   60-69%  
F   0-59%

Attendance Policy

The Hillcrest High School attendance policy will be followed and enforced. You are allowed 4 absences or (not and) tardies per quarter; you will receive a “no grade” if you have more than 4 total attendance marks. It is crucial that you attend to succeed in this class. Try to schedule important appointments and activities so they don’t interfere with your class time.

Required Class Materials
1. Scientific Calculator (Recommend TI-30 or graphing)
2. 3 ring binder with paper (handouts will fall out of a spiral notebook)
3. Pencils & Pens (black or blue)
4. $20 Lab Fee

Each student is responsible for paying a $20 lab fee in the main office and turning a receipt into their instructor within the first 2 weeks of school. This fee is used to replace consumable items used during the labs. Any broken items will be paid for by the individual.

Classroom Rules
1. Be seated and ready to work before the bell rings.
2. Bring required materials daily
3. Walk and talk with permission only
4. Promote a good learning environment.
5. Respect others and their property

Consequences
1. Warning (Verbal or written)
2. Parent/Guardian will be contacted
3. Lunch detention or other consequences which will be discussed in previous contact
4. Referral, lunch detention, and parent contact

Severe or repeated offenses may result in skipping steps

Lab/Activities- Violation of lab safety rules will result in the loss of lab privileges and points.

Getting Help

The best time to get help is before you are behind and desperate. Form study groups from the beginning. I am available during APP and after school everyday. This time is for you; please use it.

-My student has access to a computer and internet at home: always, most of the time, sometimes, never, other_______

-I intend to monitor my student’s grade on Skyward: yes, no, maybe

-I intend to make myself an “observer” on my student’s Canvas account: yes, no, maybe