



UNION GROVE HIGH SCHOOL *Course Syllabus*

Instructor: Dr. Darby E. Steele

Room #: 229

Year: 2020-2021

Course Name: Advanced Placement Chemistry

Textbook Used: *Chemistry: The Central Science*, 14th ed, AP edition by Pearson
ISBN 10: 0-13-465095-6, ISBN 13: 978-0-13-465095-1

Supplementary Texts or Special Materials: a scientific calculator, Henry County issued Chromebook (fully charged), bound composition notebook or carbon copy composition notebook, 3-ring binder with paper, a dry erase marker, pencils, pens (blue or black ink only)

Communication Information:
E-mail: dsteale@henry.k12.ga.us

Remind Code: @apchemughs (text to 81010)

Course Description: AP Chemistry is a first-year college level course. This course follows the Advanced Placement curriculum set by the College Board; therefore, AP Classroom will be one of the main resources for AP Chemistry. Laboratory experience is extensive. The time and effort required of students differs significantly from the usual high school science course. This course is designed to prepare students for the chemistry Advanced Placement exam. Students will have the opportunity to take the AP Chemistry Exam in May of 2021 to possibly receive college credit for the course.

Course Outline and Content:

Unit 1: Atomic Structure and Properties (7-9%)

Unit 2: Molecular and Ionic Compound Structure and Properties (7-9%)

Unit 3: Intermolecular Forces and Properties (18-22%)

Unit 4: Chemical Reactions (7-9%)

Unit 5: Kinetics (7-9%)

Unit 6: Thermodynamics (7-9%)

Unit 7: Equilibrium (7-9%)

Unit 8: Acids and Bases (11-15%)

Unit 9: Applications of Thermodynamics (7-9%)

Special Assignments and Projects: Students who take the AP chemistry exam will complete a final exam project. The project will be assigned the first week of May. Students who do not take the AP chemistry exam will take a traditional final exam.

Classroom Rules and Discipline Procedures: All students must adhere to the rules and expectations outlined in the Henry County Schools student handbook and the Union Grove High School student handbook addendum. Disciplinary action is up to the teacher's discretion.

U
Unity

G
Grit

H
Helpfulness

S
Self-Respect

- **Expectations and Procedures**

- Come to class prepared and ready to learn each day.
- You are the master of your own fate. Be responsible for your own learning. Do your work when asked, turn it in on time, don't cheat, etc.
- Please respect your teacher, fellow classmates, the classroom, and yourself. There will be zero tolerance for disrespect of any kind.
- Clean up after yourself. I do not want to have to clean up your mess.
- Put all personal electronic devices in the proper numbered slot that matches the number on your desk.
- Class ends when I dismiss you. Please keep working until that happens.
- If you need extra help, please don't wait until the last minute to ask me. I am here to help in any way shape or form.
- Please follow all lab safety procedures during any lab activity.

- In addition, all students are expected to abide by the rules in the UGHS handbook and those set forth by the Henry County Board of Education.

Consequences for choosing to jeopardize your success or the success of others:

Four-Step Discipline Policy

1. Verbal warning
2. Contacting parents/guardians
3. Early morning, lunch, or afternoon detention
4. Referral to administrator

Hall Passes: Students are required to utilize and display the standard issued UGHS pass at all times while out of the classroom, failure to do so will result in disciplinary consequences. Students are also required to fill out the Google form prior to leaving the classroom and document their return time on the same form. Teachers will not give out hall passes during the first ten minutes or last ten minutes of class. It is the teacher's discretion to allow or deny a hall pass request. Our time together is precious. Students will be allowed to use up to 3 hall passes each semester.

Lab safety guidelines will be strictly enforced! Every student will receive training in topics related to laboratory safety. All students must sign and adhere to a laboratory safety contract in order to participate in laboratory activities. Eating and drinking are not allowed in lab area nor is it allowed in the classroom area (with the exception of water).

Make-up Policy: This is a college level course. If a student is absent, it is the student's responsibility to check Google Classroom and ask the teacher for the work that was missed on the day s/he returns to school. For daily work you have one day for each day you miss to get makeup work turned in. If you miss a quiz, test or project, be prepared to take the quiz/test or turn in your project the day you return to school.

Late Work: Twenty percent will be deducted for each day an assignment is late.

Tutoring: Remember, **you** are responsible for **your grade**. If you find that you are having difficulty understanding a particular concept/topic studied in this course, get help from your teacher ASAP. You can make an appointment with Dr. Steele before school, after school or during IF.

U
Unity

G
Grit

H
Helpfulness

S
Self-Respect

Grading System:

GRADING SCALE:

A = 90-100
B = 80-89
C = 74-79
D = 70-73
F = below 70

GRADING CATEGORIES:

80% Coursework
40% Major Assessments (Tests, Projects)
40% Minor Assessments (Quizzes, Labs, Classwork)
20% Comprehensive Final Exam

******Please use Infinite Campus to monitor student progress******

Cell Phone/Electronic Device Policy: The cell phone/electronic device policy begins when students enter the designated classroom area. All students will place their cell phone/device in the teacher assigned caddy. During this time, the cell phone must be on silent mode. Additionally, all smart watches or other electronic devices connected to the phone must also be caddied until the end of class. The cell phone/device will remain caddied until the end of class. Students will NOT be allowed to take their phone/device out of the room when they have a hall pass to the restroom, media center, etc. Students will be allowed to use cell phones/devices before first period, during lunch and during class transition.

On Time Policy: In order to be considered “on time” to class, the student must be across the threshold of the classroom or designated classroom area by end of the last bell.

Remote Learning: Students participating in remote learning are expected to actively participate in daily instruction and follow all guidance provided by HCS, UGHS, the classroom teacher, and this syllabus. This includes but is not limited to grading policies, attendance, and preparation for class.

Things to note for this class during remote learning:

- Students must be logged onto their Chromebooks and in the Google Meets at the start of each class.
- Attendance will be taken just like during face-to-face instruction. Students not logged in during the first 5 minutes will be marked absent. If a student logs in after the first 5 minutes, then they will be marked tardy.
- Students must use their school issued Chromebook for attending Google Meets, submitting assignments, and participating in other classroom activities. No personal devices are permitted for use.
- Students will be expected to uphold academic honesty through remote learning. Academic dishonesty will earn the student a zero.
- Students need to have a clearly defined work space while learning virtually.
- Students should expect to be actively engaged throughout the 90-minute class period.
- Students are expected to uphold the Wolverine Way and digital citizenship while conducting remote learning.

U
Unity

G
Grit

H
Helpfulness

S
Self-Respect

Unit Repair Plan: In an effort to aid in student mastery, each UGHS student will have the opportunity to participate in Unit Repair. The Unit Repair Plan for AP Chemistry will consist only of test corrections of the multiple choice unit tests. Test corrections will consist of correcting each wrong answer and justifying why the correct answer is correct and justifying why the wrong answers are wrong.

Special note on secured material: AP Chemistry is governed by the AP College Board. Because of this, I am restricted in the material that I can post online or send home with students. Quizzes and exams CANNOT be posted for public use or leave my classroom. Any attempt at the students to remove them from the class and/or record information on these materials will result in disciplinary action. Students are welcome to review those materials I can post or see me to review those that cannot whenever I am available. Remember, the use of AP Classroom is very important for this course in preparing for the AP Exam.

U
Unity

G
Grit

H
Helpfulness

S
Self-Respect

I have read and understand all of the objectives, requirements, and expectations for the course Advanced Placement Chemistry taught by Dr. Steele.

Student Name (printed)

Student Signature

Date

Parent Name (printed)

Parent Signature

Date

Parent Cell Phone Number

Parent Email Address