



# AP CHEMISTRY

INSTRUCTOR: KYLE GUILLEMET

## CONTACT INFORMATION

Mr. Kyle Guillemet

Contact Information:

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I am committed to responding to all student and parent emails within 24 hours.

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## COURSE MATERIALS

Textbook: Chemistry by Zumdahl and Zumdahl, 7th ed., Houghton Mifflin Company, Inc., Boston, 222 Berkley Street Boston, MA 2007. ISBN: 978-0-618-52844-8 [CR1]

Supplemental: I do, We do, You do notes

Suggested materials: Pencils, Pens, Notebook (lab), highlighters, graphing calculator (provided)

All of the resources for the class will be uploaded daily on google classroom

## COURSE DESCRIPTION & OVERVIEW

The purpose of the class is to provide a college-level course in Chemistry and to prepare the student to seek credit and/or appropriate placement in college Chemistry courses. This course is structured around the six big ideas and 7 scientific practices articulated in the AP Chemistry curriculum framework provided by the College Board.

Units covered:

- 1) Atomic Structure and Properties
- 2) Molecular and Ionic compound Structure and Properties
- 3) Intermolecular Forces and Properties
- 4) Chemical Reactions
- 5) Kinetics
- 6) Thermodynamics
- 7) Equilibrium
- 8) Acids & Bases
- 9) Applications of Thermodynamics

- Students are prepared to be critical and independent thinkers who are able to function effectively in a scientific and technological society.
- Students will be able to analyze scientific and societal issues using scientific problem solving.
- Provide students with a college-level course in Chemistry in order to prepare for the AP exam or for appropriate placement in college.
- In each laboratory experiment, students will:
  - o physically manipulate equipment and materials in order to make relevant observations and collect data;
  - o use the collected data to form conclusions and verify hypotheses;
  - o communicate and compare their results and procedures informally with other students, and formally in a written report to the instructor.

Students will have hands on experiences in lab that will drive home the concepts we learn in class. Students should expect notes, videos, and collaborative discussions in class, as well as quizzes and formal assessments. Each unit has multiple sections in that unit, students should expect a short "quiz" on college board everyday to evaluate their learning of the pervious days material, then notes on the next section, and practice problems to go along with the new material. At the end of each unit there will be a MCQ and FRQ portion of the formal assessment. Test corrections will be available for the MCQ portion, and the FRQ portion will be curved.

## COURSE POLICIES

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### Classroom Behavior & Expectations

- **Be Respectful:** Disrespect of any kind will not be tolerated. Students will respect themselves, and show respect to the instructor, their classmates, and the classroom. Behave with maturity and respect by actively listening when someone else, whether the instructor or a peer, is speaking. Respect our classroom by refraining from eating and drinking in the classroom, disposing of trash in the proper receptacles, cleaning up after laboratories, and treating books and classroom supplies with care. Immaturity during labs and field work is a safety concern and will not be tolerated and may result in a significant loss of points, an automatic "Unsatisfactory" in citizenship, and/or additional consequences. Offensive, crude, or obscene language will not be tolerated. The school dress code, including the wearing of hats, sweatshirt hoods, and sunglasses in class, as outlined in the student handbook will be enforced at all times.
- **Be Responsible:** Enrollment in an AP level course means students are responsible for their own success. Come to class prepared and ready to learn. There is no excuse for lack of materials, lack of preparedness, or ignorance of information addressed in class and/or posted on the Google Classroom. Students are expected to be in their seats by the time the late bell rings and will be marked tardy if they are not. Students are expected to use the restroom, if necessary, during passing periods before or after class.
- **Be Present and Engaged:** The course functions best when everyone is present, both physically and mentally, and actively participates. The use of electronic devices (e.g., cell phones, smart watches, Chromebooks, earbuds/headphones) outside of teacher direction poses a huge distraction to student learning and is thus strictly prohibited. Cell phones must be off/silent and away unless you are given explicit instruction to use your phone for some course purpose. Cell phones must be kept off and in plain view for the entirety of the period on exam days. Failure to do so will result in a score of zero on the exam.

### Academic Integrity

Each student in this course is expected to abide by Chino Valley Unified School District and Chino High School policies on academic integrity. It is expected that students will not cheat, lie, plagiarize, or commit other acts of academic dishonesty. You are encouraged to work with your peers to study course content. As such, some assignments will have evidence of collaboration. I expect that much of the group work that you complete will be similar across members of the same group. Outside of this, all other assignments in this class, including assessments and homework, are expected to be done individually and to be original work.

Students agree that by taking this course, all required papers may be subject to submission for textual similarity review to Turnitin.com for the detection of plagiarism. Use of the Turnitin.com service is subject to the Usage Policy posted on the Turnitin.com site.

Any violation of this policy is unacceptable and will not be tolerated. Students found to have committed an act of academic dishonesty shall be subject to Chino Valley Unified School District and Chino High School discipline policies. Consequences may include, but are not limited to, the following: a zero grade on the assignment, project, assessment, or any other activity where the academic dishonesty occurred, parent notification, and disciplinary action (e.g., administrative detention, Friday Work/Study, ALC, suspension).

### Late/Make-up Work

All assignments are due at the beginning of the student's respective class period. Any assignment not turned in at the beginning of the period is considered late. Assignments turned in after the respective due date but before the end of the next class period may be eligible to receive a maximum of half credit. Assignments turned in after the end of the unit will not receive credit. In the event of an absence, students are responsible for communicating with and obtaining missed assignments from the instructor immediately upon their return. If a student has an impending or planned absence or if their absence is over an extended period, inform the instructor and submit a request with the attendance office for assignments to be sent home. Students who miss schoolwork because of an unexcused or excused absence shall be given the opportunity to complete all assignments and assessments missed during the absence that can be reasonably provided. As determined by the teacher, the assignments and tests shall be reasonably equivalent to, but not necessarily identical to, the assignments and tests missed during the absence. Students shall receive full credit for work satisfactorily completed within a reasonable period of time, as determined by the teacher. If a student misses class and does not subsequently turn in an assignment, take an assessment, or fulfill another class requirement which he/she missed, the student's grade will be lowered for nonperformance.

## EVALUATION OF STUDENT ACHIEVEMENT

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The course grade given to each student shall be based on student achievement in meeting the requirements specified in the California Next Generation Science Standards, College Board AP Biology curriculum framework, curriculum embedded and/or District assessments, and other relevant curriculum and instruction.

This evaluation will be based on the following criteria:

Tests/Assessments: 70%

Classwork, Homework, Labs: 30%

Grade	Percentage	Citizenship/Work Habit	
A	90-100	O	Outstanding
B	80-89	S	Satisfactory
C	70-79	N	Needs Improvement
D	60-69	U	Unsatisfactory
F	0-59		

\*+/- grades are used at discretion of the teacher and do NOT affect grade point average\*

Grades will be updated in Aieres every time the students turn in their unit packets, labs, or have an assessment. If a student falls below a 65% in the class I will notify the parents via email, phone, and/or conference.

## ADDEDNDUMS

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## ACKNOWLEDGMENT OF COURSE POLICIES

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Signing of this page serves as an acknowledgment that both student and parent/guardian have read and understand the course expectations as outlined above. In addition, signature of this page indicates familiarization with the Biomedical Science and Technology Academy policies found in the school handbook.

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Student Name (Print) & Date

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Student Signature

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Parent/Guardian Name (Print) & Date

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Parent/Guardian Signature