

**MVLA  
2026-27  
COURSE INFORMATION SHEET**

**Course Title:** Chemistry Honors (CB2010)

**School:** Mountain View High School

**UC/CSU requirement:** Subject Area D, Laboratory Science

**MVLA Graduation requirement:** Science (Physical)

**Textbook and/or other learning resources:** [Chemistry: Atoms First 2e on Openstax](#), Canvas Course

**General Course Description/Student Learning Outcomes:**

Chemistry is the branch of science that deals with the composition of matter and the changes in composition that matter can undergo. In investigating the composition of matter, we will explore the structure of the atom and the ways in which that structure determines the kinds of substances that can be formed. In studying changes in composition, we will integrate this structure with the energy considerations that govern chemical reactions.

We place heavy emphasis on strengthening your logical reasoning processes, enhancing your problem solving strategies, and developing your skill in organizing the products of scientific thought and experimentation into coherent reports. As you continue to grow in your ability to use the scientific method in approaching problems, you will become familiar with a wide variety of laboratory techniques.

Additionally, you will learn to:

- collaborate and contribute when working with others.
- communicate through a variety of media.
- embrace a growth mindset and the continuous process of learning.
- build strong content knowledge.
- pose questions and analyze evidence to reach a conclusion or solve a problem.
- reason abstractly and quantitatively.
- practice integrity by being honest, ethical and respectful

**Course Outline/Units of Study:**

| <u>Semester 1</u>                        | <u>Semester 2</u>                   |
|------------------------------------------|-------------------------------------|
| Unit 1 - Foundations of Chemistry        | Unit 5 - Chemical Reactions         |
| Unit 2 - Atomic Structure                | Unit 6 - The Mole & Stoichiometry   |
| Unit 3 - Electronic Structure            | Unit 7 - Thermochemistry            |
| Unit 4 - Nomenclature & Chemical Bonding | Unit 8 - Equilibrium, Acids & Bases |

**Assessment and Grading ([BP 5121](#) / [AR 5121](#)):** To ensure that every student has an equal opportunity to demonstrate their learning, the course instructors implement aligned grading practices and common assessments with the same frequency.

**1. Grading categories and their percentage weights:**

*Each semester will be broken into the following weighted categories:*

- Work Habits - 10%
- Content Mastery - 80%
  - 4 Units ~20% each (depends on length of unit)
- Final Exam - 10%

**2. Achievement evidence collected within each grading category:**

Content Mastery includes all assessments (tests and quizzes), labs, projects, any homework/classwork that is graded for accuracy, etc. Work Habits include homework/classwork graded for completion, engagement, participation, etc. Final Exam is a cumulative summative assessment covering that semester's content.

**3. Grading scales:**

A - 89.50-100% - Student demonstrates mastery with excellence.

B - 70.00-89.49% - Student demonstrates mastery of grade-level standards.

B+ 85.00 - 89.49%      B 75.00 - 84.99%      B- 70.00 - 74.99%

C - 50.00-69.99% - Student inconsistently grasps and applies some of the key concepts, processes and skills.

C+ 65.00 - 69.99%      C 55.00 - 64.99%      C- 50.00 - 54.99%

D - 10.00-49.99% - Student is not yet performing at grade level.

D+ 40.00 - 49.99%      D 20.00 - 39.99%      D- 10.00 - 19.99%

F - 0-9.99% - Little evidence of understanding.

*\*Note to Students: +/- grades do not calculate into MVHS GPA or college admission GPA. +/- grades are solely there to inform you of your standing in this class.*

**4. Homework/outside of class practices ([AR 6154](#)):**

You should expect to work on Chem H 15-30 minutes per class meeting that week. You are also expected to routinely review and process previous work. The time this takes will vary from student to student and the nature of the task. Reviewing and processing can take a variety of forms, some suggestions are to form a study group, visit the tutorial center or instructor office hours, rework problems, make a quizlet, and interact with course content (summarize notes, make connections, ask questions, highlight, add diagrams). Keeping up with work, staying engaged in every class period, and regular review and practicing are essential for success.

**5. Excused absence make-up practices ([Education Code 48205\(b\)](#)):**

If you are absent it is your responsibility to check Canvas for handouts & instructions/agendas. When you return to class, check in with the teacher face to face about your absence. Please no emails to teachers of "What did I miss?"

**6. Academic integrity violation practices ([MVHS Academic Integrity Policy](#)):**

MVHS Academic Integrity Policy will be enforced. All answers to homework, lab, quiz, test, & final exam questions are expected to be a student's individual work. For homework and labs, students are encouraged to discuss the ideas behind the questions and where these ideas are referenced in course materials, but should answer the questions individually.

**7. Generative Artificial Intelligence (AI) Use:**

By default, GenAI is not to be used on assignments or assessments. If/when GenAI is allowed, the teacher will explain the level and type of GenAI use permitted for that assignment. Using GenAI in a way that does not follow the assignment directions, turning in AI-generated work as your own, or not disclosing GenAI use when required may be considered an academic integrity violation. Currently the course has no plans to use GenAI for assignments.

**8. Late work practices (unexcused absence):**

- Late Work Habits assignments for each unit are due by the end of its unit and receive a 40% deduction.
- Late Content Mastery (excluding quizzes) assignments for each unit are due by the end of its unit for up to full credit.
- Content Mastery Canvas quizzes that are submitted late are capped at 75% points possible. Students must check in with their teacher to receive late submission instructions and deadline. Students who miss their late deadline receive additional penalties on their quiz score.
- No late Work Habits or Content Mastery credit is given after the end of each unit.
- Work that is submitted late is subject to delayed grading/feedback. Do not contact your instructor about work that has been turned in late asking about when it will be graded unless specified to do so.

**9. Revision practices:**

- Unit tests may be retaken once if the original score is below 80.00% (mid-B). Retakes may score up to but not over 80.00%. A retake score lower than the original score will have the average of the two scores be the test score.
- Content Mastery Canvas Quizzes can be retaken once. Canvas Quiz retake scores replace the original score however high or low the quiz retake score is.
- Lab reports and other Content Mastery assignments cannot be revised.

**10. Extra credit practices:**

One extra credit opportunity will be provided for Mole Day during the fall semester. No other extra credit opportunities will be allowed. Extra credit will be included in the Work Habits category.

**11. Additional grading practices:**

Teachers may use GenAI-supported tools to assist with generating draft feedback comments on assignments. Final grading decisions remain the responsibility of the teacher. Student privacy remains protected, and AI tools are used only as support for efficiency and feedback drafting—not as substitutes for teacher evaluation or decision-making.

**12. Learning Management System (LMS) Used:** Canvas (all teachers)

**Instructors' email addresses:**

Anthony Gallego [anthony.gallego@mvla.net](mailto:anthony.gallego@mvla.net)

Simon Huynh [simon.huynh@mvla.net](mailto:simon.huynh@mvla.net)

Christine Yow [christine.yow@mvla.net](mailto:christine.yow@mvla.net)