

**MVLA**  
**2019-20**  
**COURSE INFORMATION SHEET**

**Course Title:** Chemistry (CC2010)

**School:** Mountain View High School

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

**Textbook and/or other learning resources:** *Chemistry* by Myers, Oldham and Tocci

**Student Learning Outcomes:**

In this course, we will learn to see the world through its chemical makeup in an effort to become a scientifically literate citizen. Chemistry is the study of the composition of matter and the changes matter can undergo. You will learn to interpret and question data, see the connections between chemistry and biology, make predictions about the behavior of matter based on mathematical relationships and begin to understand the chemistry behind much of our everyday lives.

- Unit 1 – Measurement & Methodology
- Unit 2 – Structure of Matter
- Unit 3 – Understanding Chemical Reactions
- Unit 4 – Quantifying Chemical Reactions
- Unit 5 – Modifying Chemical Reactions
- Unit 6 – Gases & Ocean Acidification

During each of these instructional segments, you will learn to

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

**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 down into the following weighted categories:

- Mastery of Chemistry Content - 60%
- Notebook - 15%
- Work Habits - 10%
- Final Exam - 15%

2. Achievement evidence collected within each grading category:

- *Mastery of Chemistry* content will be measured by quizzes, unit exams, projects, laboratory work, scientific writing and presentations.
- A student's *Chemistry Notebook* is a journal of their learning throughout the year and will include classwork, homework, lab work, activities, assessments and reflections.
- *Work Habits* is a combination of class preparedness, homework timeliness, engagement, collaboration and wise use of revision opportunities as assessed by the Work Habits Rubric.
- The final exam each semester will be a cumulative assessment.

3. Grading scales: Grades will be determined by the following expectations:

- A - 89.50 - 100% - Student demonstrates mastery with excellence.
- B - 69.50 - 89.49% - Student demonstrates mastery of grade-level standards.
- C - 49.50 - 69.49% - Student inconsistently grasps and applies some of the key concepts, processes and skills.
- D - 29.50 - 49.49% - Student is not yet performing at grade level.
- F - 0 - 29.49% - Little evidence of understanding.

4. Homework/outside of class practices (AR 6154):  
You should expect to work on Chemistry nightly 15-30 minutes. You are also expected to routinely review previous work (see Curve of Forgetting, <http://uwaterloo.ca/counselling-services/curve-forgetting>). The time this takes will vary from student to student and the nature of the task. 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 find out what you missed and return to class prepared. You can contact the teacher (via email), your peers or the website to find out what you missed and/or schedule a time to take an exam. Work that is late due to excused absences must be made up within a time equal to the absence to receive full credit.
6. Academic integrity violation practices (MVHS Academic Integrity Policy):  
MVHS Academic Integrity Policy will be enforced. Instructors will be explicit about when your work is collaborative and group-oriented. If not, assume that your work should be your own
7. Late work practices:  
Assignments under *Work Habits* category will be affected by late work based on the *Work Habits* rubric. No other late work in other categories is allowed.
8. Revision practices:  
Revisions will be available for assessments in the course *Mastery of Content* category.
  - Unit tests may be retaken if original score is under 70%, and may be raised up to 70%; test revisions must be turned in prior to the retake. Highest score will be taken.
  - Unit quiz scores may be replaced by unit test grade if higher; quiz revisions must be turned in prior to the unit test.
9. 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.
10. Additional grading practices:  
None.

**Instructors' email addresses:**

Jeff Panos [jeff.panos@mvla.net](mailto:jeff.panos@mvla.net)  
Kim Rogers [kim.rogers@mvla.net](mailto:kim.rogers@mvla.net)  
Katherine Rogers [katherine.rogers@mvla.net](mailto:katherine.rogers@mvla.net)