

Walla Walla Valley Academy

(2021 – 2022)

Chemistry

Instructor: Mr. Nobuhara (Nob)

Telephone: Work (509) 525– 1050 ext. 238

Email: nobubo@wwva.org

Course Description:

This is an introductory course in chemistry. It is intended to introduce the student to the properties of matter, broadening their knowledge attained in biology and providing a structure for understanding advanced science courses.

This junior level course will test the students' abilities to problem solve and apply mathematical principles.

Prerequisites: Minimum grade of C in algebra I and/or Biology; concurrent enrollment in Algebra II strongly recommended.

Course objectives: Upon completion of this course a student should be able to continue their studies in advanced science classes with many of the basic tools and knowledge needed to succeed.

Specific Learning Outcomes:

- Be comfortable using the metric system of measurement
- Understand and apply the scientific method
- Be knowledgeable of matter and energy and their relationship
- Know about important contributions by scientists to chemistry
- Be able to read and understand chemical formulas and equations
- Have an appreciation for the parts of matter too small to see
- Be prepared to take a college chemistry course

Tools for Success in Chemistry

Goals for learning are achieved by many different approaches in order to tap into the overall strengths of each individual student.

- I. Regular worships that point to our Creator God.
- II. Lectures are based upon the given materials as well as those articles found in publications.
- III. Test and quizzes.
- IV. Multimedia software.
- V. Group activities
- VI. Lab exams
- VII. Chemistry labs
- VIII. Video presentations.
- X. Continue developing skills in learning especially “Hands on”..!

Academic Honesty

Morally and spiritually, Walla Walla Valley Academy is dedicated to a high standard of scholastic integrity. Students at WWVA are expected to maintain this high standard of academic honesty in this course. Examples of dishonest practices include, but are not exclusively limited to:

1. Copying or obtaining answers from someone else's quizzes, exams, laboratory work, electronic devices or any type of written work in which original answers are required.
2. Use of notes or texts as sources of information in writing quizzes, tests, or examinations, unless specifically stated as allowable.
3. Unauthorized collaboration in the writing up of laboratory discussion or conclusions sections. However, collaboration of reporting of RESULTS is permitted if it was a team effort.
4. For this course, quoting or copying word-for-word from any source – including your textbooks. All of your answers to all assignments in this course must be summarized in your own words.

The discovery of dishonest practices within the context of this class may result in disciplinary action from the Walla Walla Valley Academy Administration.

Former Students were successful when they applied the following.

- Take an active role in participation
- Absorb the hands on activities that solidify lessons
- Develop a clear method of note taking and the organization of materials
- Complete all assignments and submit these on time. In the event that one has an absence that is excused, the number of days missed are the number of days available to make up late work from the return day. Exceptions will be made...
- Use resources such as the instructor, text, classmates, library, models and technology.

Grades

		<u>% Weight</u>
94% - 100 %	A	
90% - 93%	A-	15 % Quizzes
88% - 89%	B+	30 % Homework
84% - 87%	B	35 % Chapter tests
80% - 83%	B-	20 % Labs / Projects
78% - 79%	C+	
74% - 77%	C	
70% - 73%	C-	
68% - 69%	D+	
64% - 67%	D	40 % 1 st Quart
60% - 63%	D-	40 % 2 nd Quart
59%		20 % Final Semester Exam