Window Rock High School **Chemistry Course Syllabus** School Year 2024-2025

## Course Information summer program, late submission, % component

Course Title & Number: Chemistry – 17060

Course Prerequisite: Biology, Physics and at least Algebra I Classroom: C-17

Required for graduation Credit: 1

## Instructor Information

Instructor: Mrs. Ma. Dulce A. Palomares

Office Phone No.: 928-729-7006 Ext 7058 (Please do not call during class hours.

Instructor is available after class at 3:30-4:00).

address: madulcepalomares@gmail.com; mpalomares@wrschool.net

## Textbook, Readings Materials, School Supplies

Pearson Experience Chemistry

Pearson Chemistry by Wilbraham et al, 2017

Any Chemistry textbook and online materials listed on Blackboard/Teacher’s Webpage

SAAVAS, CK12

**School/Class supplies:** Laptops, Scientific Calculator, flash drives, Interactive Notebook – spiral or any kind, at least 100 pages, blue/black ink pens, pencils, 3 x 5 index cards, typed loose papers, high lighters, scissors, glue, and ruler.

## Course Description and Objectives

**Course Description:** Chemistry is the study of materials, their properties, their components and structure and the changes they undergo.

**Course Goal/Purpose**: This course is for college bound students who aspire to go into the health, medical and allied fields, engineering courses, agriculture, food technology, materials science and many other areas which require a background in Chemistry.

## Objectives:

1. The students will be prepared to perform very well to meet or exceed the standards set by the Arizona Department of Education for Chemistry and pass the NWEA, ACT and AzSCI test in the Spring.
2. The students will develop higher order thinking skills which are indispensable tools in living in a diverse society.
3. The students will develop critical skills required to meet the demands of the 21st Century.

## Learning Management System, Calendar of Assignments and Due Dates

**Topics covered**: The topics that will be covered are Structure and Properties of Matter, Atomic Structure, the Periodic Table and Trends of the Periodic Table, Chemical Bonding, Intermolecular Forces of Attraction, Formula Writing and Nomenclature, Chemical Reactions, Stoichiometry, Gas Laws, Chemical Technology, Nuclear Reactions.

Some Earth Science topics on the 7th hour will also be covered and will include Geochemical cycles, Geologic Changes and Life Cycle of Stars

**Learning Management System**: The class will use CANVAS as its Learning Management System. All lessons, activities, assignments are divided into Modules/Units and can be found in Canvas. Formative and Summative assessments can also be found on Canvas as well. Students need to self-enroll in their respective classes using a **Gmail account**. Links to enrollment can be found at the teacher’s webpage at mpalomares@wrschool.net

## Exams, Quizzes and other Evaluations

1. Formative assessments are given during the course of covering a lesson. Short quizzes are given sporadically to measure students’ progress. These are usually administered during the week.
2. Summative assessments are administered at the end of every topic/chapter and Unit Tests are given at the conclusion of each unit. Performance-Based assessments will also be given on certain topics.
3. Students are expected to participate actively in a wide range of discussion strategies such as Pinwheel Discussion. Socratic Seminar, and Philosophical Chair.
4. NWEA score is recorded as the grade for Final Exams.

## Grading

Grades will be calculated as an average of total points earned over points possible.

Progress Report and Quarterly grades are determined by points earned on the following assignments.

|  |
| --- |
| **Assignment** |
| Summative Assessments (Chapter Test, Long Test, Unit Test, NWEA) 20% |
| Formative Assessments (quizzes) 15% |
| Projects (lab reports, Science Fair Entry, writing, models, etc.) 25% |
| Class works, Homework, RACES 40% |

Semester’s Grade is calculated according to the following percentages:

|  |  |  |
| --- | --- | --- |
| 1st and 2nd Quarter Grade | = | 45 % |
| 3rd and 4th Quarter Grade | = | 45 % |
| Semester Final Exam | = | 10 % |

## Grading Scale:

|  |  |
| --- | --- |
| 100% - 90% | **A** |
| 89% - 80% | **B** |
| 79% - 70% | **C** |
| 69% - 60% | **D** |
| 59% and below | **F/INCOMPLETE** |

If at the end of a Quarter or a Semester, as student has a failing grade ( F ) , he/she will initially be given an INCOMPLETE GRADE and will be accorded the chance to clear this grade within **5 days after the Quarter or Semester has concluded**. A student with an INCOMPLETE GRADE should make arrangements with the teacher for completion of any missing assignments or to make up any failing test/quizzes.

Every project and special assignments have a specific rubric for grading or evaluation. These rubrics will be provided to the students.

## Documentation of Work:

An uploaded copy/file of homework, class work or other assignment is required for submission on designated due dates. When required, other forms of submissions (models, poster boards, etc.) must be made on due dates as well.

1. **Classroom Procedures and Rules:**

If hard copies of assignments are an option, then all these assignments, homework, class works, test papers must contain a title, name, date and period in the heading and must be turned in designated boxes. Untitled/unlabeled papers will be placed in a designated tray or posted on the board and must be claimed within the same period/time the papers are given back, otherwise, will receive a zero grade. First to second offense will be excused but succeeding offenses will not be tolerated and hence the paper will receive a zero grade.

All Canvas/CK12 assignments have due dates and on case-to-case basis; these due dates may be extended. Check these due dates and make your online submissions on time.

Any late assignments will have a **2-point reduction** in grade for every day it is late.

However, no homework or assignment will be accepted **beyond the 5th day** except when students participate in school related activities. If a homework or assignment had already been discussed in class and the student was present during that time but did not turn in the work, his/her late work will no longer be accepted and graded. An alternate assignment will be provided in this regard.

It is the responsibility of the student to obtain and make up assignments missed due to excused absences or absences due to sports activities.

Make-up homework is due at the end of the week if the absence is excused or incurred during authorized school and sports activities.

The teacher has the discretion to grant a longer period to make up work if there are extenuating circumstances.

All scheduled tests must be made up the day a student returns to class after an absence or a zero will be given**, unless a prior arrangement/agreement was made.**

It is extremely important to be present on lab days. Labs involve chemicals and equipment that may be available on lab day only.

Enrichment Assignments are part of every unit for students who have already mastered the Standards prior to Unit Assessment. These Enrichment Assignments count as Extra Credit points. Other extra credit work will be available throughout the year. However, students must have all required assignments completed AND **must have a passing grade** before being eligible at working on extra credit.

All students are expected to follow school-wide and classroom expectancies and policies.

District tardy and truancy policies will be strictly enforced.

All electronic devices are not allowed in class. **CELL PHONES WILL NEVER EVER BE ALLOWED for use as calculators.** They will be confiscated and turned over to administrators.

Absolutely NO FOOD OR DRINK IS ALLOWED in the classroom and in the Science

Lab.

No restroom passes will be given 10 minutes at the start of a class or before the end of

the class or when a lecture-discussion or activity is on-going.

Bring all materials to class, including laptops, books, notebooks, etc. Teacher will not provide pens, pencils, or calculators. Be sure to have them before you come to class. No student will be allowed to leave the classroom to get any supply.

**Confirmation of Receipt and Understanding of Syllabus and Student Expectations.**

Please return with all signatures and information by August 16, 2024.

Student Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Student ID \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Please sign and return this form to the instructor. Signatures will serve as acknowledgement that both students and parents have read and understand the course syllabus and expectations.

 I, the undersigned, have received and read the course syllabus.

Date\_\_\_\_\_\_\_\_

Parent Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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Signature\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Chemistry is a college-prep class. If any student persists in the inhibition of the learning of other students, they will be removed from the class.

# CLASSROOM NORMS

Always remember – Be a **Scout with PRIDE!**

# Prepare for Success

\*complete all assignments & homework

\*study every night, all the time

\*listen, observe, remember, share (LORS)

\*have positive participation in class

# Respect School and Community

\*follow school and district rules

\*follow class Norms

\*stay on task and avoid disruptive behaviors

\*treat each other as you want to be treated

# Interact Safely

\*wear your masks at all times, practice social distancing

\*take responsibility of sanitizing your work area and your laptops

\*keep hands, feet and hurtful words to yourself

# Dependable and Responsible Actions

\*take responsibility for your learning and education

\*do all assignments to the best of your ability

\*clean up after yourself

# Enthusiastic for Learning

\*be in class on time and ready to learn by having your laptops, notebooks, pens/pencils and homework ready

\*work toward completing all your assignments and submitting them on time

\*come every day with growth mindset