Wessner’s

Chemistry Syllabus

2019-2020

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Room: 124 (Band/Science bldg)

**Course Description**: Chemistry is the science of matter. Its focus is the study of matters properties, structures, composition, behavior, reactions, interactions, and the changes that is undergoes. Chemistry is considered a central science as it connects physics with other natural sciences, such as biology.

**Text book**: Modern Chemistry; Sarquis \* Sarquis; 2019 (replacement cost $125.00)

**Text book website: hmhco.com/ed**

**Exams**: All students will take a midterm and final exam, NO EXCEPTIONS; in addition there will be tests at the end of each chapter, as well as periodic quizzes and labs.

**Required materials**: Textbook (hard copy in class, website book for home use), writing utensils, notebook paper, scientific calculator (graphing calculator is NOT needed but can be used), and a 2” or larger 3-ring binder with dividing tabs.

**Course outline**:

Unit 1 – Units of Measurement,

Scientific measurements, dimensional

Analysis.

Unit 2 – Matter, Atoms, Electrons, and the

Periodic Table.

Unit 3 – Chemical bonding, Formulas, and

Compounds.

Unit 4 – Equations and Reactions.

Unit 5 – Stoichiometry.

Unit 6 – States of Matter.

Unit 7 – Gas Laws.

Unit 8 – Solutions, Ions in Solution.

Unit 9 – Acids & Bases, Titrations.

Unit 10 – Reaction Energy, Reaction Kinetics.

Unit 11 – Equilibrium.

Unit 12 – Reduction/Oxidation, Electrochemistry.

**Scoring**:

Tests – 50%

Quiz – 20%

Participation/Labs – 10 %

Classwork – 15%

Homework – 5%

\*\*\*\*Leon mandates that a minimum of 70% of your grade is determined by knowledge mastery, also known as tests/assessments. In this course you will also be expected to keep all your work in a 3 ring binder, participate in classroom discussions, and perform laboratory experiments.

**HELP SESSIONS:**  All students are welcome and encouraged to come for help. I am available most days before and after school, and at lunch. During soccer season, I have very limited time after school for help.

Pierian Tutoring: This is peer tutoring (students) that is available, Tuesdays and Wednesdays after 6th and 7th period. See Mrs. Meis in room 203B to sign up.

**Class Policies:**

1. **Make-up work:**
2. Absent – Students have as many days as they missed to make up work for an excused absence.
3. It is the students’ responsibility to obtain and complete all make-up work.
4. Late work – any work turned in past the date due will receive a letter grade off for every day after due date. After 4 days late, you will have until the end of the progress report date/end of 9 weeks to turn in work for 50% credit ( still an F but not a zero)
5. **Tardy/Late:** You will be marked tardy if you are not in your assigned seat by the time the tardy bell rings. If you enter the classroom 10 minutes or more after the tardy bell, you will be marked LATE (equals an unexcused absence). Note: 4th tardy equals a late and every tardy after that is a LATE not a tardy.

**3. Academic integrity violations can include plagiarism, cheating, and unauthorized group work on any assignment, project, or test. (Coping someone else’s work) If a student is caught the following will occur:**

* **The student will receive an F with zero credit.**
* **The citizenship grade will be lowered for the grading period.**
* **A notice will be recorded with the guidance office.**

**Any occurrence of academic dishonesty may be reported by the guidance office on college admissions applications.**

**\*\*\*\*IMPORTANT\*\*\*\***

Cell phones, iPods, or any personal electronic device, headphones, hats, and hoodies **ARE NOT ALLOWED** in the classroom. If you choose to ignore the above, your item will be confiscated.

**NOTE:** refusal to hand over any requested item is an immediate referral and possible out of school suspension. **REFUSAL TO HAND OVER A CELL PHONE OR ELECTRONIC DEVICE IS AN AUTOMATIC**

**3 DAY OUT OF SCHOOL SUSPENSION, NO QUESTIONS ASKED, per your student handbook discipline guidelines.**

**Classroom behavior:**

1. *Respect:*  Treat others as you would have them treat you. Disrespect, whining, cheating, and plagiarism have no place in the classroom.
2. *Responsibility:* YOU are the one that is responsible for your grade, your stuff, and materials that are handed out to you. Help is always available when needed. If you are struggling with a concept, take charge and ask for help. The goal is for everyone to pass chemistry!
3. *Humility:* Your opinions are not the only worthwhile ones, be respectful of others opinions, and realize you are not always right.

**Discipline:** Observe the above rules in addition to Rules of Conduct found in the student handbook

and you will never have a problem in class. If you choose to violate the rules, you will be subject to the following:

1st offense: Verbal warning (except cell phones or other electronic devices: refusal to hand over devices is an automatic referral with 3 day out of school suspension )

2nd offense: lunch detention( served in cafeteria)

3rd offense: sent to student affairs, referral

\*\*The above rules are subject to change given the circumstances of the problem caused, observed, or created in the classroom or hallway.