

**Syllabus:** DC Chemistry

**Course Number:** Chem 1311

**Semester & Year:** Fall 2023

**Instructor Information**

- Name: Monica Smith and Amber Sartor
- Telephone: (903) 823-3433
- E-mail: [monica.smith@texarkanacollege.edu](mailto:monica.smith@texarkanacollege.edu)
- Office: Chemistry 16
- Office hours: TBA --will be posted on Moodle and office door

**Required materials**

- Scientific calculator (does not have to be graphing)
- Aktiv chemistry app--- Course Code: **A53UF9**

**Textbook Resource Information**

- There is no required textbook for chemistry. Here is a link to an open-source textbook if you would like to use it: <https://openstax.org/details/chemistry>

**Student Learning Outcomes for Chem 1311**

The learning outcomes for Chemistry 1311 are published by the Texas Higher Education Coordinating Board and are available from the Lower-Division Academic Course Guide Manual. The following are included for those that successfully complete the course:

1. Define the fundamental properties of matter.
2. Classify matter, compounds, and chemical reactions.
3. Determine the basic nuclear and electronic structure of atoms.
4. Identify trends in chemical and physical properties of the elements using the Periodic Table.
5. Describe the bonding in and the shape of simple molecules and ions.
6. Solve stoichiometric problems.
7. Write chemical formulas.
8. Write and balance equations.
9. Use the rules of nomenclature to name chemical compounds.
10. Define the types and characteristics of chemical reactions.
11. Use the gas laws and basics of the Kinetic Molecular Theory to solve gas problems.
12. Determine the role of energy in physical changes and chemical reactions.
13. Convert units of measure and demonstrate dimensional analysis skills.

**Student Assessment**

- Your grades will be taken from in-class practice/attendance (5 %), online quizzes (10%), aktiv homework (25 %), 5 unit exams and semester exam (counts twice) (60%).

**Grading Scale for course:**

<b>Grade</b>	
<b>A</b>	89.5-100
<b>B</b>	79.5-89.4
<b>C</b>	69.5-79.4

D	59.5-69.4
F	59.4-below

## Class Schedule

You will be required to watch some videos before attending class. You are required to attend class in person each day. Power point slides and video links will be available on myTC. Please email if you have any questions or concerns.

## Attendance Policy

- The maximum number of allowed absences by the Biology and Chemistry Department at TC is 4. Three tardies will count as an absence. Exceeding this limit may cause you to be withdrawn from TC courses. If there is a problem, please contact me. The last date that you attend class will be listed on the final grade sheet and you most likely will have to pay back money received from grants or scholarships if you are dropped from the course.

## Make-up Policy

- **As a general policy, I do NOT give make up exams. You have 1 week to take the exams in the testing. The final exam will be given in class.**
- Quizzes cannot be made up.
- Homework cannot be made up or turned in late.

## Academic Integrity Statement

Scholastic dishonesty, involving but not limited to cheating on a quiz or test, plagiarism, collusion, or falsification of records will make the student liable for disciplinary action after being investigated by the Dean of Students. Proven violations of this nature will result in the student being dropped from the class with an "F". This policy applies campus wide, including TC Testing Center, as well as off-campus classroom or lab sites, including dual credit campuses. This information can be found in the Student Handbook at <https://texarkanacollege.edu>.

## Disability Act Statement:

Texarkana College complies with all provisions of the Americans with Disabilities Act and makes reasonable accommodations upon request. Please contact Tonja Blasé, Director of Student Retention (903)823-3349. If you have an accommodation letter from their office indicating that you have a disability, which requires academic accommodations, please present it to me so we can discuss the accommodations that you might need for this class. *It is best to request these changes at the beginning if not before the start of class* so there is ample time to make the accommodations.

## Financial Aid:

**Attention!** Dropping this class may affect your funding in a negative way! You could owe money to the college and/or federal government. Please check with the Financial Aid office before making a decision.

## Basic Needs Security

Any student who has difficulty affording groceries or accessing enough food to eat every day, or who lacks a safe and stable place to live and believes this may affect their performance in this course or ability to remain in school, is urged to contact Tonja Blasé, Director of Student Retention, at (903)823-3349 for support.

Furthermore, please notify the professor if you are comfortable in doing so. This will enable them to provide any resources that they may possess.