

Introduction to General Chemistry Lecture

Syllabus

CHEM1307 UTEP

Fall 2022



Instructor of Record: H. Patricio Del Castillo

Instructor's contact: hpdelcastil@utep.edu

Office hours: Upon request by Blackboard Ultra

Technical support contact: helpdesk@utep.edu

Course description: UTEP CHEM1307 is an introductory course to general chemistry. It encompasses the fundamentals of topics such as measurement, matter and energy, the structure of the atom, chemical bonding, and chemical reactions.

Course objectives:

- To master the fundamentals of chemical knowledge

Required material:

- Scientific calculator
- Periodic table
- Any general chemistry book is fine to complement the material in class.
- Scantron packet for all the midterm exams

Course description and evaluation:

During this course, you will perform activities in-person and online through Blackboard. It will be very important that you comply with the activities in the corresponding due dates, and that you keep a calendar with the activities at hand. The final grade of your course will be calculated by the following criteria:

Average of Homework Activities – 15% (Online activities)

Average of Exams (2 Midterms and Final) – 60% (In-person activities unless otherwise specified)

Science Fair (Final Project) – 25% (In-person activity)

Homework activities: They are designed to test your knowledge on the topics that we have seen in class. They will be displayed in the form of Blackboard quizzes in Blackboard, and you must answer them using the **Respondus Lockdown Browser** Software.

Midterm Exams: The midterm exams will test your knowledge on the course, and it will be an in-person activity unless otherwise specified. Exams will take place during the whole period of class.

Cumulative Final Exam: The cumulative final exam will test your knowledge on the whole course, and it will be an in-person activity unless otherwise specified.

Science Fair: The last project of this course will be a science fair in which you will expose a chemical experiment to the class. More details about this activity will be disclosed at the course progresses.

Grading system:

A = 90 - 100

D = 60 - 69

B = 80 - 89

F = 0 - 59

C = 70 - 79

Academic dishonesty:

UTEP rules will be strictly enforced, academic dishonesty including but not limited to cheating, plagiarism, data falsification will not be tolerated. Minor incidences will result in a score of zero for the designated activity, and recurrence will result in the failure of the course. Please review the UTEP Academic Integrity Policy in the following link <http://www.utep.edu/hoop/section-2/student-conduct-and-discipline.html>.

Computer lab hours available at UTEP:

To complete the online activities, UTEP offers working spaces that are open to the students. The following link will indicate where these workspaces are located:

https://www.utep.edu/technologysupport/ServiceCatalog/COMP_ComputerPrintingLabs.html.

Contact helpdesk@utep.edu if you have any technical question or difficulty during the use of the campus's facilities. **There will be no tolerance to late work submissions.**

ADA Policies:

UTEP is committed to provide an educational environment that is accessible to all students, those that need accommodations for a disability, please contact the Center for Accommodations and Support Services (CASS), located at Union Building East Room 106, or through <http://sa.utep.edu/cass/home> for an appointment to discuss your needs and the process for requesting accommodations.

Calendar of the course topics:

Date	Tuesday	Thursday
1 – Aug 23 and 25	Class check-in	Module 1 – Chemistry and Measurement
2 – Aug 30 and Sep 1	Module 1 – Chemistry and Measurement	Module 2 – Mass and Energy
3 – Sep 6 and 8	Module 2 – Mass and Energy	Module 3 – Atoms
4 – Sep 13 and 15	Module 3 - Atoms	Module 4 – Chemical Bonds
5 – Sep 20 and 22	Module 4 – Chemical Bonds	Module 5 – Chemical Reactions
6 – Sep 27 and 29	Module 5 – Chemical Reactions	<i>Review for First Midterm Exam</i>
7 – Oct 4 and 6	First Midterm Exam	Module 6 – Gases
8 – Oct 11 and 13	Module 6 – Gases	Module 7 – Solutions
9 – Oct 18 and 20	Module 7 – Solutions	Module 8 – Chemical Equilibrium
10 – Oct 25 and 27	Module 8 – Chemical Equilibrium	Module 9 – Chemical Kinetics
11 – Nov 1 and 3	Module 9 – Chemical Kinetics	Module 10 – Acids and Bases
12 – Nov 8 and 10	Module 10 – Acids and Bases	<i>Review for Second Midterm Exam</i>
13 – Nov 15 and 17	Second Midterm Exam	Preparation for final project – No classes
14 – Nov 22 and 24	Review for Final Exam part 1	Thanksgiving – No Classes
15 – Nov 29 – Dec 1	Review for Final Exam part 2	Final Exam – During class time
16 – Dec 6 and 8	Science Fair – Thursday Dec 8th from 1:00 PM – 3:45 PM (During Final Exam time)	

**This calendar is subject to change depending on the performance of the group*

Calendar of the HW activities:

<u>Set of HW</u>	<u>Topics</u>	<u>Due date (Through Lockdown Browser)</u>
<u>Homework 1</u>	Module 1 – Chemistry and Measurement	Thursday, Sept. 1 st before 10:00 PM
<u>Homework 2</u>	Module 2 – Energy and Matter	Thursday, Sept. 8 th before 10:00 PM
<u>Homework 3</u>	Module 3 – Atoms	Thursday, Sept. 15 th before 10:00 PM
<u>Homework 4</u>	Module 4 – Chemical Bonds	Wednesday, Sept. 21 st before 10:00 PM
<u>Homework 5</u>	Module 5 – Chemical Reactions	Monday, Oct 3 rd before 10:00 PM
<u>Homework 6</u>	Module 6 – Gases	Monday, Oct 10 th before 10:00 PM
<u>Homework 7</u>	Module 7 – Solutions	Monday, Oct 17 th before 10:00 PM
<u>Homework 8</u>	Module 8 – Chemical Equilibrium	Thursday, Oct 27 th before 10:00 PM
<u>Homework 9</u>	Module 9 – Chemical Kinetics	Thursday, Nov 3 rd before 10:00 PM
<u>Homework 10</u>	Module 10 – Acids and Bases	Wednesday, Nov 9 th before 10:00 PM
<u>Homework 11</u>	Extra credit – All modules	Wednesday, Nov 30 th before 10:00 PM

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Midterms, Cumulative Final Exam and Final Project Dates:

Midterm exam 1 - Tuesday, October 4th during class time

Midterm exam 2 – Tuesday, November 15th during class time

Cumulative Final exam – Thursday, December 1st during class time

Science Fair (Final Project) – Thursday, December 8th from 1:00 PM – 3:45 PM

Fall 2022 important dates:

Mar 28th	Fall Registration Begins
Aug 11th	Last Day to Clear Students on Suspension/Probation as well as those with Insufficient Prerequisites
Aug 12th	Drops for Students with Unsatisfactory Academic Standing, Insufficient Prerequisites, and Prior Grades of C in the Course
Aug 15th	Financial Aid is Disbursed
Aug 22nd	Fall classes begin
Aug 22nd-26th	Late Registration (Fees are incurred)
Sept 5th	Labor Day Holiday - University Closed
Sept 7th	Fall Census Day (Note: This is the last day to register for classes. Payments are due by 5:00 pm).
Sept 19th	20 th Class Day (Note: Students who were given a payment deadline extension will be dropped at 5:00 pm if payment arrangements have not been made).
Sept 30th	Graduation application deadline for degree conferral
Oct 28th	Fall Drop/Withdrawal Deadline (Note: Student-initiated drops are permitted after this date, but the student is not guaranteed a grade of W. The faculty member of record will issue a grade of either W or F).
Nov 11th	Deadline to submit candidates' names for degree conferral
Nov 24-25th	Thanksgiving Holiday - University Closed
Dec 1st	Fall – Last day of classes
Dec 2nd	Dead day
Dec 5-9th	Fall Final Exams
Dec 10-11th	Fall Commencement
Dec 14th	Grades are Due
Dec 15th	Grades are posted to student records; students are notified of grades and academic standing