

Introduction to General Chemistry Laboratory Syllabus

CHEM1107

Fall 2023

Course and Instructor Information:

Instructor of Record: Dr. H. Patricio Del Castillo

Instructor's contact: hpdelcastil@utep.edu

Office hours: Upon request

Technical support contact: helpdesk@utep.edu



TA's contacts:

TA's name	CRN	Time	Location	Email
Sisheed	14158	Monday – 8:30 AM	PSCI 304	ssivaraman@miners.utep.edu
	14160	Tuesday – 12:00 PM	PSCI304	
Yasaman	14161	Tuesday – 12:00 PM	PSCI302	ymohammadi@miners.utep.edu
	14162	Wednesday – 12:00 PM	PSCI304	

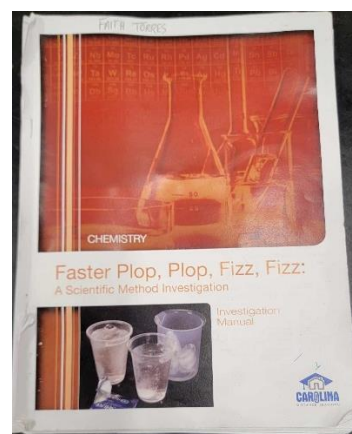
Course description

UTEP CHEM1107 is an introductory course to the general chemistry laboratory. This course will prepare you to master the fundamental techniques in a chemistry laboratory.

Text and Materials:

- Scientific calculator
- Periodic table
- Computer where you can work on the online activities at the lab
- Microsoft Excel
- **Personal Laboratory Notebook**
- Lab Manual from Carolina: You may obtain your manual via UTEP's bookstore:

<https://www.bkstr.com/texaselpasostore/product/utep-chem-1107-lab-manual-item-581939v-custom-646065-1>



Course Requirements:

The final grade for the laboratory is composed of the following criteria:

Average of Prelabs – 33.3%

Average of Lab Reports – 33.3%

Average Attendance & Compliance – 33.4%

Prelabs: They are designed to test your knowledge on the topic and the experiment that you will perform in class. They will be presented as online quizzes on Blackboard's platform "Yuja", and they must be completed weekly one day before the session before 10:00 PM. You will have **two attempts** to complete your prelabs before the due date.

Lab Reports: They are designed for you to summarize the results obtained during your laboratory session. They will be presented as online quizzes on Blackboard, and they must be submitted weekly, every Friday before 10:00 PM. Check the calendar of assignments for more information on the due dates You will have **unlimited attempts** to submit or modify your reports before the due date; but only the last attempt will be graded.

Attendance and Compliance: One does not simply get 100 for showing up to class. The compliance component of this grade will be evaluated by your TA, and it will depend on: Your correct preparation for the experiment, your compliance with the facility's rules and responsibilities, your work etiquette, and your cleanliness during the experiment.

It is the student's responsibility to monitor his or her grade as the semester progresses. The grades will be in display and updated weekly!

Final Grading system:

Your activities will be graded on a basis of 0-100. By the end of the course, your accumulated grade will be translated to the corresponding letter grade using the following criteria:

A = 90 - 100

D = 60 - 69

B = 80 - 89

F = 0 – 59

C = 70 - 79

Course Policies

Safety: The first session of the semester will be the “safety training”. You are expected to comply with the indications of this session throughout the semester. Failing to do so will result in a penalization of your grade or even your expulsion from the laboratory with an attendance and lab report grade of 0 for your session.

Attendance:

- 1) Showing up to lab 20 minutes after the scheduled date will deduct 20 points from your attendance’s grade. Students will be asked to leave the classroom with an attendance and lab report grade of 0 if they show up to class 31 minutes after the session has started.
- 2) Making-up or exempting lab sessions is possible under certain circumstances. Make sure to notify your instructor about any potential absence during the semester **on time**. After evaluating your situation, he will suggest potential solutions for you.
- 3) A student may only pass the class if she or he has been present to **at least 70%** of the laboratory sessions. This includes students with justified absences.
- 4) Students who did not show up to class may not be included in lab reports of teams of students who did show up to class. You must contact your TA and instructor right away so that they can come up with a solution for you. (The student who submitted the lab report risks losing 40 points on the lab report and attendance and compliance grades for collusion).

Late policy: The success for this class relies mostly on your attendance to class and the completion of your online activities on time. There are only two instances in which the instructor will grant an exemption/extension of a grade for lab report and/or attendance:

- 1) An instance regarding an infectious disease or a situation that physically incapacitates you from attending your class. Medical and/or other type of valid evidence must be provided for this. **The evidence must be official, and it must contain the date to be considered**. Do consider using the health center’s services located behind the Union Building at UTEP.
- 2) An instance regarding an athletic or academic event. It will be 100% your responsibility to notify your instructor about this instance with enough time. Official letters and emails from your coach or academic representative is enough valid proof.

There are only two instances in which the instructor will allow you to work outside of your scheduled times for online prelab activities:

- 1) An instance regarding a situation that physically incapacitates you from working from home, and/or at UTEP's computer laboratories (refer to the location of these facilities in the syllabus). Medical and/or other type of valid evidence must be provided for this. **The evidence must be official, and it must contain the date to be considered.**
- 2) A malfunction related to Blackboard that was detected and addressed with the helpdesk before due dates during office hours. Students who experience malfunctions from Blackboard close or during the due date of an activity **will not** be considered for an extension. If you decide to submit a prelab or lab report 10 minutes before the due date, you will be at risk of losing the grade.

Other than this, there will be **NO EXCEPTIONS** for any late submissions or absence to class.

Technical support at UTEP:

UTEP offers many technical support services that will assist you in completing your activities during the semester:

- 1) UTEP offers working spaces that are open to the students. Get familiar with the times and location of the workplaces by accessing the following link: https://www.utep.edu/technologysupport/ServiceCatalog/COMP_ComputerPrintingLabs.html.
- 2) UTEP offers the possibility to lend technological gadgets in the event of any loss during the semester. Email the helpdesk for more information.
- 3) Any technical difficulty related to your webmail or Blackboard's functions is solved through the helpdesk. You can copy your instructor in this email so that he is aware of your situation.

Contact the helpdesk for more information: helpdesk@utep.edu. **Make sure to always contact them during office hours to maximize your chances to get a reply!**

Calendar of activities:

Date	Activity	Prelab is due through Blackboard	Lab report is due through Blackboard
Week 3 Sep 11 th – 15 th	Experiment 1 – Safety Training	Syllabus Quiz due Friday, Sep 15th before 10:00 PM through Blackboard	Safety Lecture Quiz due Friday, Sep 15th before 10:00 PM through Blackboard
Week 4 Sep 18 th – 22 nd	Experiment 2 – Introduction to Graphing	The day before the experiment before 10:00 PM	Friday, Sep 22 nd before 10:00 PM
Week 5 Sep 25 th – 29 th	NO CLASSES TO REGULARIZE WITH THE LECTURE		
Week 6 Oct 2 nd – 6 th	Experiment 3 – Scientific Method Investigation	The day before the experiment before 10:00 PM	Friday, Oct 6 th before 10:00 PM
Week 7 Oct 9 th – 13 th	Experiment 4 – Exploring Density	The day before the experiment before 10:00 PM	Friday, Oct 13 th before 10:00 PM
Week 8 Oct 16 th – 20 th	Experiment 5 – Investigating Chemical Reactions	The day before the experiment before 10:00 PM	Friday, Oct 20 th before 10:00 PM
Week 9 Oct 23 rd – 27 th	Experiment 6 – Stoichiometry and Percent Yield	The day before the experiment before 10:00 PM	<u>Friday, Nov 3rd before 10:00 PM</u>
Week 10 Oct 30 th – Nov 3 rd	Experiment 7 – Important Ions*	The day before the experiment before 10:00 PM	<u>Friday, Nov 3rd before 10:00 PM</u>
Week 11 Nov 6 th – 10 th	Experiment 8 – The Fundamentals of Calorimetry	The day before the experiment before 10:00 PM	Friday, Nov 10 th before 10:00 PM
Week 12 Nov 13 th – 17 th	NO CLASSES TO REGULARIZE WITH THE LECTURE		
Week 13 Nov 20 th – 22 th	Experiment 9 – Titration of Vinegar	The day before the experiment before 10:00 PM	Saturday, Nov 23 th before 10:00 PM
Week 14 Nov 27 th – Dec 1 st	Experiment 10 – Evaluating the Efficacy of Antiacids	The day before the experiment before 10:00 PM	Friday, Dec 1 st before 10:00 PM

***Experiments and dates are subject to changes based on the performance of the group**

***This experiment is not in your manual, but the instructor will provide the reading material for you to prepare for the prelab and lab report.**

UTEP Academic calendar:

Extracted from UTEP's official Website:

<https://www.utep.edu/student-affairs/registrar/Academic%20Calendars/academic-calendar.html>

Date	Event
Aug 28th	Fall classes begin
Aug 28th - Sept 1st	Late Registration (Fees are incurred)
Sept 4th	Labor Day Holiday - University Closed
Sept 13th	Fall Census Day Note: This is the last day to register for classes. Payments are due by 5:00 pm.
Sept 25th	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.
Oct 6th	Graduation application deadline for degree conferral
Nov 3rd	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 17th	Deadline to submit candidates' names for commencement program
Nov 23rd-24th	Thanksgiving Holiday- University Closed
Dec 7th	Fall - Last day of classes
Dec 8th	Dead day
Dec 11th-15th	Fall Final Exams
Dec 16-17th	Fall Commencement
Dec 19th	Grades are Due
Dec 20th	Grades are posted to student records; students are notified of grades and academic standing