

Introduction to Organic and Biochemistry Syllabus

CHEM1308 (CRN 32751)

Spring 2024

Course and Instructor Information:

Instructor of Record: Dr. H. Patricio Del Castillo

Instructor's contact: hpdelcastil@utep.edu

Office location & hours: PSCI 203-A - Upon request

Technical support contact: helpdesk@utep.edu



Course description

UTEP CHEM1308 is an introductory course to organic and biochemistry. The first part will cover the most important functional groups, their properties and reactions. The second part will cover water and some biomolecules; their properties and relevance.

Text and Materials:

- Scientific calculator
- **Class Guides** (a blank hard copy of the instructor's guides)
- **Any organic and biochemistry book is fine to complement the material in class.**
- Scantron packet for all the midterm exams (sold at UTEP's bookstore)



Course Requirements:

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 – 25% (Online activities)

Average of Exams (2 Midterms and Final) – 50% (In-person activities unless otherwise specified)

Final Project, Shark Tank – 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 that must be completed in one sitting. You will have 2 attempts per activity.

Mock Midterm Exam: During the semester there will be **one single** mock midterm exam that will be part of your “Average of Homework” final grade. The test will be displayed in the form of Blackboard quiz that must be completed using the Software Respondus Lockdown Browser available at the UTEP Webpage. What this test will grade is your comprehension on how to complete midterm exams in the correct format, following the **camera angle indications**. The content that you must study for this exam will belong to the “Guide to complete Homework activities” available in **“Module 1 – Check-in to the course”**.

Midterm Exams: The midterm exam will test your knowledge on certain parts of the course, and they will be completed in-person on specific dates, unless otherwise specified. If at any point of the semester we need to switch to an online midterm exam, we will follow the **mock midterm exam** indications mentioned above. **FAILING TO COMPLY WITH THIS WILL RESULT IN THE STUDENT SCORING A 0 AS HIS OR HER GRADE, WITHOUT A CHANCE TO RETAKE HIS OR HER EXAM.** Make sure that you check your feedback from the “mock midterm exam” that your instructor will give you during the semester so that you are certain that you know how to complete these activities.

Final Project: More information will be disclosed as the semester progresses.

It is the student’s responsibility to monitor his or her grade as the semester progresses. The grades will be in display and updated for the student at all times!

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

Instructors Policies:

Attendance: The instructor **will not** take attendance as part of your grade. It is your responsibility to attend the classes, to do self-studying if you miss a class, and to schedule your own office hours if you need personalized assistance.

Late policy: The success for this class relies mostly on the completion of your online and in-person activities on time. There are only two instances in which the instructor will grant an extension of any activity that needs to be completed in-person:

- 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 (link to the center: <https://www.utep.edu/chs/shc/>).**
- 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 any online activity:

- 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 regular 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, then this is the risk.

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.

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!**

Contact the helpdesk for more information: helpdesk@utep.edu

Course calendar

Date	Tuesday	Thursday
1 – Jan 15 th - 19 th	Module 1 - Class check-in	Module 2 – Structure and Bonding
2 – Jan 22 nd - 26 th	Module 2 – Structure and Bonding	Module 3 – Polar Covalent Bonds Online Mock Midterm Exam
3 – Jan 29 th – Feb 2 nd	Module 3 – Polar Covalent Bonds	Module 4 – Alkanes and Haloalkanes
4 – Feb 5 th – 9 th	Module 4 – Alkanes and Haloalkanes	Module 5 – Alkenes and Alkynes
5 – Feb 12 th – 16 th	Module 5 – Alkenes and Alkynes	Module 6 – Alcohols, Aldehydes and Ketones
6 – Feb 19 th – 23 rd	Module 6 – Alcohols, Aldehydes and Ketones	Module 7 – Carboxylic Acids, Esters, and Amines
7 – Feb 26 th – Mar 1 st	Module 7 – Carboxylic Acids, Esters, and Amines	<i>Review for 1st Midterm Exam*</i>
8 – Mar 4 th – 8 th	<i>Review for 1st Midterm Exam*</i>	1st Midterm Exam – During class time
9 – Mar 11 th – 15 th	NO CLASSES – SPRING BREAK	
10 – Mar 18 th – 22 nd	Module 8 – Water and its solutions	Module 8 – Water and its solutions
11 – Mar 25 th – 29 th	Module 9 – Lipids	Module 9 – Lipids
12 – Apr 1 st – 5 th	Module 10 – Carbohydrates	Module 10 – Carbohydrates
13 – Apr 8 th – 12 th	Module 11 – Amino acids, Peptides, and Proteins	Module 11 – Amino acids, Peptides, and Proteins
14 – Apr 15 th – 19 th	<i>Review for 2nd Midterm Exam*</i>	<i>Review for 2nd Midterm Exam*</i>
15 – Apr 22 nd – 26 th	2nd Midterm Exam – During class time	<i>Review for Final Exam*</i>
16 – Apr 29 th – May 3 rd	<i>Review for Final Exam*</i>	Final Exam – During class time
17 – May 6 th – 10 th	Final Project (day and time TBA)	

*Review sessions may be established as online activities. Your instructor will let you know every time

Assignment Calendar

	Topic	Due date on Blackboard
<u>Homework 1</u>	Module 1 – Check-in to the course	Friday, Jan 19 th , before 10:00 PM
<u>Homework 2</u>	Module 2 – Structure and Bonding	Friday, Jan 26 th , before 10:00 PM
<u>Homework 3</u>	Module 3 – Polar Covalent Bonds	Friday Feb 2 nd , before 10:00 PM
<u>Homework 4</u>	Module 4 – Alkanes and Haloalkanes	Friday, Feb 9 th , before 10:00 PM
<u>Homework 5</u>	Module 5 – Alkenes and Alkynes	Friday Feb 16 th , before 10:00 PM
<u>Homework 6</u>	Module 6 – Alcohols, Aldehydes and Ketones	Friday, Feb 23 rd , before 10:00 PM
<u>Homework 7</u>	Module 7 – Carboxylic acids, Esters, and Amines	Friday, Mar 1 st , before 10:00 PM
<u>Homework 8</u>	Module 8 – Water and its Solutions	Friday Mar 22 nd , before 10:00 PM
<u>Homework 9</u>	Module 9 – Lipids	<u>Friday, Apr 5th, before 10:00 PM</u>
<u>Homework 10</u>	Module 10 – Carbohydrates	Friday, Apr 5 th , before 10:00 PM
<u>Homework 11</u>	Module 11 – Amino acids, Peptides, and Proteins	Friday, Apr 12 th , before 10:00 PM
<u>Homework 12</u>	Extra Credit – All Modules	Wednesday, May 2nd, before 10:00 PM

*Both calendars are subject to change depending on the performance of the group

Midterms and Final Project Dates:

Mock Midterm Exam – Wednesday, January 25th, before 10:00 PM through Bb *[Module 1]*

First Midterm Exam – Thursday, March 7th during class time *[Modules 2 – 7]*

Second Midterm Exam – Tuesday, Apr 23rd during class time *[Modules 7 – 11]*

Final Exam – Thursday, May 2nd during class time *[All Modules]*

Final Project – Day and time TBA at the classroom

UTEP Academic Calendar:

Date	Event
Jan 15th (Monday)	Dr. Martin Luther King, Jr. Holiday – University Closed
Jan 16th	Spring classes begin
Jan 16th-19th	Late Registration (Fees are incurred)
Jan 31st	Spring Census Day Note: This is the last day to register for classes. Payments are due by 5:00 pm.
Feb 12th	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.
Feb 16th	Graduation application deadline for degree conferral
Mar 11th-15th	Spring Break
Mar 20th	Freshman midterm grades are due
Mar 28th	Spring Drop/Withdrawal Deadline Student-initiated drops are permitted after this date, but the student is not guaranteed a W. The instructor of record will issue a grade of either W or F.
Mar 29th (Friday)	Cesar Chavez Holiday - No classes; Spring Study Day
Apr 12th	Deadline to submit candidates' names for commencement program
May 2nd	Spring – Last day of classes
May 3rd	Dead day
May 6-10th	Spring Final Exams
May 11-12th	Spring Commencement

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