

CHEM 1305

Elements of Chemistry



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Office: CAV 214B

Office Hours: MTWTR 1:00 pm – 2:00 pm, use Collaborate in Blackboard
Or by appointment

[Office Hours Link](#)

Course Information

Course Description

A survey of the fundamentals of chemistry. An introduction to organic and physiological chemistry and a survey of the chemistry of environmental systems.

Prerequisite and Co-requisite Courses

None

Prerequisite Skills

Accessing Internet websites and using Basic Algebra are expectations of the CHEM 1305.

Student Learning Outcomes

Upon completion of this course, students will be able to:

- Analyze complex problems and draw logical conclusions.
- Employ mathematics in the analysis of chemical problems

Course Delivery

This is an online course that will be delivered via [Blackboard](#) using an asynchronous format. If you choose, you can complete this course without visiting the ASU campus

Required Texts and Materials

Introduction to Chemistry, 5th Edition
Bauer • Bink • Marks
Scientific Calculator

Technology Requirements

To successfully complete this course, students need to purchase access to Connect from McGraw-Hill. Instructions are in Blackboard under Announcements.

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Respondus: Access to exams and quizzes will be through Respondus Lockdown Browser. Respondus requires a desktop computer or laptop (not a Chromebook) Refer to the Blackboard course for Respondus installation instructions.

Communication

Email is the preferred form of communication.

I will respond to email Monday through Friday up to 9 pm and any received later will be answered the next morning. Weekend messages may not be returned until Monday.

Written communication via email: All private communication will be done exclusively through your ASU email address. Check frequently for announcements and policy changes. In your emails to me, include the course section number in your subject line.

Virtual communication: Office hours may be done with the assistance of the telephone or the Collaborate in Blackboard.

Grading

Evaluation and Grades

Course grades will be determined as indicated in the table below.

Hour Exam 3 @ 120 points	360 points
Hour Exam 1 @ 90 points	90 points
Final Exam	100 points
Homework	200 points
Quizzes	150 points
LS LearnSmart	100 points
Total	1000 points

Grading System

Course grades will be dependent upon completing course requirements and meeting the student learning outcomes.

The following grading scale is in use for this course:

A = 90.00-100 points

B = 80.00-89.99 points

C = 70.00-79.99 points

D = 60.00-69.99 points

F = 0-59.99 points (Grades are not rounded up)

Assignment and Activity Descriptions

All LearnSmart, Homework, Quizzes, and Exams have due dates assigned and will not be accepted after due date has passed. Ample time will be allotted for each activity to be completed.

Quizzes

Quizzes will be assigned weekly.

Quizzes will be administered using Blackboard and *RESPONDUS MONITOR*.

Hour Exams

Most hour exams will cover material presented since the previous exam. However, the course builds on material delivered earlier, so the concepts, calculations, and techniques from earlier exams may be required.

Exams will be administered using Blackboard and RESPONDUS MONITOR.

Make-up Exams

Make-up exams will be at the discretion of your course instructor. Usually, allowances will only be made in the case of an excused university absence. Communication with your instructor prior to the exam date is **** CRITICAL ****.

Final Exam

The schedule for the 1305 final exams is shown below.

Section	Class Days	Class time	Final Exam Date	Final Exam Time
010	MWF	Online	May 10-12	NA
020	TR	Online	May 10-12	NA

General Policies Related to This Course

All students are required to follow the policies and procedures presented in these documents:

- [Angelo State University Student Handbook](#)¹
- [Angelo State University Catalog](#)²

Academic Integrity

Students are expected to maintain complete honesty and integrity in all work. Any student found guilty of any form of dishonesty in academic work is subject of disciplinary action and possible expulsion from ASU.

The College of Science and Engineering adheres to the university's [Statement of Academic Integrity](#).³

Accommodations for Students with Disabilities

ASU is committed to the principle that no qualified individual with a disability shall, on the basis of disability, be excluded from participation in or be denied the benefits of the services, programs or activities of the university, or be subjected to discrimination by the university, as provided by the Americans with Disabilities Act of 1990 (ADA), the Americans with Disabilities Act Amendments of 2008 (ADAAA) and subsequent legislation.

Student Disability Services is located in the Office of Student Affairs, and is the designated campus department charged with the responsibility of reviewing and authorizing requests for reasonable accommodations based on a disability. It is the student's responsibility to initiate such a request by contacting an employee of the Office of Student Affairs, in the Houston Harte University Center, Room 112, or contacting the department via email at ADA@angelo.edu. For more information about the application process and requirements, visit the [Student Disability Services website](#).⁴ The employee charged with the responsibility of reviewing and authorizing accommodation requests is:

Dallas Swafford
Director of Student Disability Services
Office of Student Affairs
325-942-2047
dallas.swafford@angelo.edu
Houston Harte University Center, Room 112

Incomplete Grade Policy

It is policy that incomplete grades be reserved for student illness or personal misfortune. Please contact faculty if you have serious illness or a personal misfortune that would keep you from completing course work. Documentation may be required. See ASU Operating Policy 10.11 [Grading Procedures](#)⁵ for more information.

Plagiarism

Plagiarism is a serious topic covered in ASU's [Academic Integrity policy](#)⁶ in the Student Handbook. Plagiarism is the action or practice of taking someone else's work, idea, etc., and passing it off as one's own. Plagiarism is literary theft.

In your discussions and/or your papers, it is unacceptable to copy word-for-word without quotation marks and the source of the quotation. It is expected that you will summarize or paraphrase ideas giving appropriate credit to the source both in the body of your paper and the reference list.

Papers are subject to be evaluated for originality. Resources to help you understand this policy better are available at the [ASU Writing Center](#).⁷

Student Absence for Observance of Religious Holy Days

A student who intends to observe a religious holy day should make that intention known in writing to the instructor prior to the absence. See ASU Operating Policy 10.19 Student Absence for [Observance of Religious Holy Day](#)⁸ for more information.

Title IX at Angelo State University

The University prohibits discrimination based on sex, which includes pregnancy, sexual orientation, gender identity, and other types of Sexual Misconduct. Sexual Misconduct is a broad term encompassing all forms of gender-based harassment or discrimination including: sexual assault, sex-based discrimination, sexual exploitation, sexual harassment, public indecency, interpersonal violence (domestic violence and/or dating violence), and stalking. As a faculty member, I am a Responsible Employee meaning that I am obligated by law and ASU policy to report any allegations I am notified of to the Office of Title IX Compliance.

Students are encouraged to report any incidents of sexual misconduct directly to ASU's Office of Title IX Compliance and the Director of Title IX Compliance/Title IX Coordinator at:

Michelle Miller, J.D.

Special Assistant to the President and Title IX Coordinator

Mayer Administration Building, Room 210

325-486-6357

michelle.boone@angelo.edu

You may also file a report online 24/7 at www.angelo.edu/incident-form.

If you are wishing to speak to someone about an incident in confidence you may contact the University Health Clinic and Counseling Center at 325-942-2173 or the ASU Crisis Helpline at 325-486-6345.

For more information about Title IX in general you may visit www.angelo.edu/title-ix.

Required Use of Masks/Facial Coverings by Students

As a member of the Texas Tech University System, Angelo State University has adopted the mandatory [Facial Covering Policy](#)⁹ to ensure a safe and healthy classroom experience. Current research on the COVID-19 virus suggests there is a significant reduction in the potential for transmission of the virus from person to person by wearing a mask/facial covering that covers the nose and mouth areas. Therefore, in compliance

with the university policy students in this class are required to wear a mask/facial covering before, during, and after class. Faculty members may also ask you to display your daily screening badge as a prerequisite to enter the classroom. You are also asked to maintain safe distancing practices to the best of your ability. For the safety of everyone, any student not appropriately wearing a mask/facial covering will be asked to leave the classroom immediately. The student will be responsible to make up any missed class content or work. Continued non-compliance with the Texas Tech University System Policy may result in disciplinary action through the Office of Student Conduct.

Modifications to the Syllabus

This syllabus, including grade evaluation and course schedule, is subject to modification. In particular, the COVID-19 pandemic may require significant changes in course delivery and content on potentially short notice.

Course Schedule

Week	Chapter Lectures	LS Start	LS Due	HW Start	HW Due	Quiz Start	Quiz Due	Exam Start	Exam Due
Jan 25	Intro Syllabus C 1	C1	Jan 31	C1	Jan 31				
Jan 31	C2	C2	Feb 7	C2	Feb 7	1: Feb 2	Feb 4		
Feb 7	C3	C3	Feb14	C3	Feb14	2: Feb 9	Feb 10		
Feb 14	C4	C4	Feb 21	C4	Feb21	3:Feb16	Feb 18	1:Feb18 C1,2,3	Feb 21
Feb 21	C5	C5	Feb 28	C5	Feb28	4:Feb23	Feb24		
Feb 28	C6	C6	Mar 7	C6	Mar 7	5:Mar 2	Mar 3		
Mar 7	C7	C7	Mar 14	C7	Mar 14	6:Mar 9	Mar 10		
Mar 14	C8	C8	Mar 21	C8	Mar 21	7:Mar16	Mar 17	2:Mar18 C4,5,6	Mar 21
Mar 21	C9	C9	Mar 28	C9	Mar 28	8:Mar23	Mar 24		

Mar 28	C10	C10	Apr 4	C10	Apr 4	9:Mar 30	Mar 31		
Apr 4	C 11	C11	Apr 11	C11	Apr 11	10:Apr 6	Apr 7		
Apr 11	C12	C12	Apr 18	C12	Apr 18	11:Apr 13	Apr 14	3:Apr15 7,8,9,10	Apr 18
Apr 18	C13	C13	Apr 25	C13	Apr 25	12:Apr 20	Apr 21		
Apr 25	C15	C15	May 2	C15	May 2	13:Apr 27	Apr 28	4:Apr29 11,12,13	May 2
May 2	C16 C17	C16 C17	May 9 May 9	C16 C17	May 9 May 9	16&17: May 4	May 6		
May 9								Final May 10 15,16,17	May 13

Abbreviations used: C – Chapter, LS – LearnSmart, HW – Homework

LS, HW, Quiz, and Exams are available at 00:00 hours on the start date and are unavailable at 23:59 hours on the due date.

¹ <https://www.angelo.edu/current-students/student-handbook/>

² <https://www.angelo.edu/academics/catalog/>

³ <https://www.angelo.edu/live/files/27603-student-handbook-2020-21#page=96>

⁴ <https://www.angelo.edu/current-students/disability-services/>

⁵ <https://www.angelo.edu/content/files/14197-op-1011-grading-procedures>

⁶ <https://www.angelo.edu/live/files/27603-student-handbook-2020-21#page=96>

⁷ https://www.angelo.edu/current-students/writing-center/academic_honesty.php

⁸ <https://www.angelo.edu/content/files/14206-op-1019-student-absence-for-observance-of>

⁹ <http://www.texastech.edu/downloads/ttus-policy-face-coverings.pdf>