

CHEM 1305 Elements of Chemistry Spring 2022



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

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](#). **Error! Bookmark not defined.** 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
SB SmartBook	100 points

Total	1000 points
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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 SmartBook, 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](#)²
- [Angelo State University Catalog](#)³

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](#).⁴

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](#).⁵
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](#)⁶ for more information.

Plagiarism

Plagiarism is a serious topic covered in ASU's [Academic Integrity policy](#)⁷ 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](#)⁹ for more information.

Title IX at Angelo State University

Angelo State University is committed to providing and strengthening an educational, working, and living environment where students, faculty, staff, and visitors are free from sex discrimination of any kind. In accordance with Title VII, Title IX, the Violence Against Women Act (VAWA), the Campus Sexual Violence Elimination Act (SaVE), and other federal and state laws, the University prohibits discrimination based on sex, which

includes pregnancy, and other types of Sexual Misconduct. Sexual Misconduct is a broad term encompassing all forms of gender-based harassment or discrimination and unwelcome behavior of a sexual nature. The term includes sexual harassment, nonconsensual sexual contact, nonconsensual sexual intercourse, sexual assault, sexual exploitation, stalking, public indecency, interpersonal violence (domestic violence or dating violence), sexual violence, and any other misconduct based on sex.

You are encouraged to report any incidents involving sexual misconduct to the Office of Title IX Compliance and the Director of Title IX Compliance/Title IX Coordinator, Michelle Miller, J.D. You may submit reports in the following manner:

Online: [Incident Reporting Form](#)¹⁰

Face to Face: Mayer Administration Building, Room 210

Phone: 325-942-2022

Email: michelle.miller@angelo.edu

Note, as a faculty member at Angelo State, I am a mandatory reporter and must report incidents involving sexual misconduct to the Title IX Coordinator. Should you wish to speak to someone in confidence about an issue, you may contact the University Counseling Center (325-942-2371), the 24-Hour Crisis Helpline (325-486-6345), or the University Health Clinic (325-942-2171).

For more information about resources related to sexual misconduct, Title IX, or Angelo State's policy please visit the [Title IX website](#).¹¹

Information About COVID-19

Please refer to ASU's [COVID-19 \(Coronavirus\) Updates](#)¹² web page for current information about campus guidelines and safety standards as they relate to the COVID-19 pandemic.

Modifications to the Syllabus

This syllabus, including grade evaluation and course schedule, is subject to modification on potentially short notice based on developing circumstances.

Course Schedule

Week	Chapter Lectures	SB Start	SB Due	HW Start	HW Due	Quiz Start	Quiz Due	Exam Start	Exam Due
Jan 17	Intro Syllabus C 1	C1	Jan 23	C1	Jan 23				
Jan 24	C2	C2	Jan 30	C2	Jan 30	1:Jan 25	Jan 26		
Jan 31	C3	C3	Feb 6	C3	Feb 6	2: Feb 1	Feb 2		
Feb 7	C4	C4	Feb 13	C4	Feb 13	3:Feb 8	Feb 9	1:Feb 10 C1,2,3	Feb 13
Feb 14	C5	C5	Feb 20	C5	Feb 20	4:Feb 15	Feb 16		
Feb 21	C6	C6	Feb 27	C6	Feb 27	5:Feb 22	Feb 23		
Feb 28	C7	C7	Mar 6	C7	Mar 6	6:Mar 1	Mar 2	2:Mar 3 C4,5,6	Mar 6
Mar 7	C8	C8	Mar 13	C8	Mar 13	7:Mar 8	Mar 9		
Mar 14	Spring Break								
Mar 21	C 9	C 9	Mar 27	C 9	Mar 27	8:Mar 22	Mar 23		
Mar 28	C 10	C10	Apr 3	C10	Apr 3	9:Mar 29	Mar 30	3:Mar 31 7,8,9	Apr 3
Apr 4	C11	C11	Apr 10	C11	Apr 10	10:Apr 5	Apr 6		
Apr 11	C12	C12	Apr 17	C12	Apr 17	11:Apr 12	Apr 13		
Apr 18	C13	C13	Apr 24	C13	Apr 24	12:Apr 19	Apr 20	4:Apr 21 10,11,12	Apr 24
Apr 25	C 15	C 15	May 1	C15	May 1	13:Apr 26	Apr 27		
May 2						15: May 3	May 4		
May 9								Final May 10	May 12

Abbreviations used: C – Chapter, SB SmartBook, HW – Homework

SB, 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://blackboard.angelo.edu/>

² <https://www.angelo.edu/current-students/student-handbook/>

³ <https://www.angelo.edu/academics/catalog/>

⁴ <https://www.angelo.edu/live/files/27603-student-handbook-2020-21#page=97>

⁵ <https://www.angelo.edu/current-students/disability-services/>

⁶ <https://angelo.policystat.com/policy/10659448/latest/>

⁷ <https://www.angelo.edu/live/files/27603-student-handbook-2020-21#page=96>

⁸ https://www.angelo.edu/current-students/writing-center/academic_honesty.php

⁹ <https://angelo.policystat.com/policy/10659368/latest/>

¹⁰ <https://www.angelo.edu/incident-form>

¹¹ <https://www.angelo.edu/title-ix>

¹² <https://www.angelo.edu/covid-19/>
