

# CHEM 1305

## Elements of Chemistry

### Fall 2021

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Office: CAV 214B

**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 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.**

Access to exams and quizzes will be through Respondus Lockdown Browser and will be video recorded via Respondus Monitor. Respondus requires a desktop computer or laptop. 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 (D10 or D20) 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 depend on completing course requirements and meeting the student learning outcomes.

This course uses the following grading scale:

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 and 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	Dec 6 - 8	NA
020	TR	Online	Dec 6 - 8	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](#)<sup>1</sup>
- [Angelo State University Catalog](#)<sup>2</sup>

## 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](#).<sup>3</sup>

## 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](mailto:ADA@angelo.edu). For more information about the application process and requirements, visit the [Student Disability Services website](#).<sup>4</sup> The employee charged with the responsibility of reviewing and authorizing accommodation requests is:

Dr. Dallas Swafford  
Director of Student Disability Services  
Office of Student Affairs  
325-942-2047  
[dallas.swafford@angelo.edu](mailto: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](#)<sup>5</sup> for more information.

## **Plagiarism**

Plagiarism is a serious topic covered in ASU's [Academic Integrity policy](#)<sup>6</sup> 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](#).<sup>7</sup>

## **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](#)<sup>8</sup> 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](#)<sup>9</sup>

Face to Face: Mayer Administration Building, Room 210

Phone: 325-942-2022

Email: [michelle.miller@angelo.edu](mailto: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](#).<sup>10</sup>

## Information About COVID-19

Please refer to ASU's [COVID-19 \(Coronavirus\) Updates](#)<sup>11</sup> 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	LS Start	LS Due	HW Start	HW Due	Quiz Start	Quiz Due	Exam Start	Exam Due
Aug 23	Intro Syllabus C 1	Aug 23	Aug 29	Aug 23	Aug 29				
Aug 30	C2	Aug 30	Sep 5	Aug 30	Sep 5	1: Aug 31	Sep 1		
Sep 6	C3	Sep 6	Sep 12	Sep 6	Sep 12	2: Sep 7	Sep 8		

Sep 13	C4	Sep 13	Sep 19	Sep 13	Sep 19	3:Sep14	Sep 15	1:Sep 16 C1,2,3	Sep 19
Sep 20	C5	Sep 20	Sep 26	Sep 20	Sep 26	4:Sep 21	Sep 22		
Sep 27	C6	Sep 27	Oct 3	Sep 27	Oct 3	5:Sep 28	Sep 29		
Oct 4	C7	Oct 4	Oct 10	Oct 4	Oct 10	6:Oct 5	Oct 6	2:Oct 7 C4,5,6	Oct 10
Oct 11	C8	Oct 11	Oct 17	Oct 11	Oct 17	7:Oct 12	Oct 13		
Oct 18	C9	Oct 18	Oct 24	Oct 18	Oct 24	8:Oct 19	Oct 20		
Oct 25	C10	Oct 25	Oct 31	Oct 25	Oct 31	9:Oct 26	Oct 27	3:Oct 28 C7,8,9	Oct 31
Nov 1	C 11	Nov 1	Nov 7	Nov 1	Nov 7	10:Nov 2	Nov 3		
Nov 8	C12	Nov 8	Nov 14	Nov 8	Nov 14	11:Nov 9	Nov 10		
Nov 15	C13	Nov 15	Nov 21	Nov 15	Nov 21	12:Nov 16	Nov 17	4:Nov 18 10,11,12	Nov 21
Nov 22	C14	Nov 22	Nov 28	Nov 22	Nov 28	13:Nov 23	Nov 28		
Nov 29	C15	Nov 29	Dec 5	Nov 29	Dec 5	14:Dec 1	Dec 2		
Dec 6	Final C14, 15							F:Dec 6	Dec 8

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

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

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

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

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

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

<sup>7</sup> [https://www.angelo.edu/current-students/writing-center/academic\\_honesty.php](https://www.angelo.edu/current-students/writing-center/academic_honesty.php)

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

<sup>9</sup> <https://www.angelo.edu/incident-form>

<sup>10</sup> <https://www.angelo.edu/title-ix>

<sup>11</sup> <https://www.angelo.edu/covid-19/>