

College Chemistry I

Chem 1450

Fall 2019

MWF 9:00 – 9:50am

Laney-Manion 104

AC Baldwin, PhD

abaldwin10@uca.edu

Office: Laney-Manion 203A

Office hours / Study Session: 1-3pm Mon & Tues

(501) 862-2617

What we'll achieve:

- A working knowledge of chemistry that will enable us to hold informed molecular conversations with doctors, mechanics, or the occasional research scientist.
- A chemistry knowledge that provides the necessary foundation for success in other classes, graduate school, the chemical industry, professional schools, and our future.
- An understanding of the interdisciplinary nature of chemistry and an ability to employ our growing knowledge of mathematics, physics, and other disciplines to solve chemical problems.
- A familiarity with some of the exciting work being done by our very own UCA Chemistry Department faculty.



College Chemistry I

Chem 1450

Fall 2019

How we'll do it:

- Show up!
- You're going to take advantage of me, our book, our lectures, our laboratories, our tutors, our teaching assistants, and the wealth of additional resources available to you as a UCA student.
- Chemistry: A Molecular Approach (4th ed.) Nivaldo J. Tro ©Pearson 2017.
- We're going to make mistakes, and we're going to learn from them.
- We will ask for help and it will be provided. We must seek help, it rarely comes to us.
- Ask questions! Tell me to slow down, to say it again, explain it another way.
- The harder we work, the luckier we become.
- Practice, practice, practice.
- Quizzes, lab work, and exams

Grading

Your overall course grade will be based on performance in two areas:
lecture and laboratory.

	Points Each	Opportunities	Points Possible	Percentage of Total Score
Quizzes (weekly)	10pts	10	90	11%
Pre-lab assignments	10pts	10	90	11%
Lab assignments	20pts	10	180	22%
Exams	100pts	4	300	36%
Final Exam	175pts	1	175	21%
			835	

These numbers are approximate. Additional opportunity may alter this table slightly. Letter grading is calculated by dividing the total points accumulated by the total points possible.

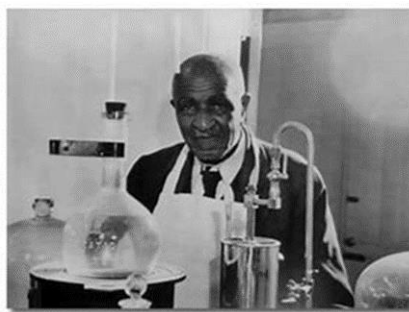
College Chemistry I

Chem 1450

Fall 2019

- Your lowest experiment, quiz, and hour exam will be dropped. Final exams will not be dropped. However, your final exam score, may be duplicated to replace one of your regular hour exam scores.
- Each pre-lab assignment is due before that laboratory period begins. A “Late” period of 24hr is afforded after the time due during which a 10% penalty will be assessed. Assignments turned in by postal mail or email will be considered delivered on the posted time and date.
- Life happens. Let me know when unexpected or unusual circumstances present themselves. We can make arrangements. Exceptions to our course schedule must be approved beforehand.
- After the submission period has ended, work won't be accepted. A missed lab, quiz, or exam will be dropped as your lowest score.

90 to 100%	A
80 to 89%	B
70 to 79%	C
60 to 69%	D



Our grades are available online through Blackboard. I recommend saving all graded assignments until final grades are posted. I do make mistakes, any discrepancies should be brought to my attention ASAP.

College Chemistry I

Chem 1450

Fall 2019

Academic Integrity

The University of Central Arkansas affirms its commitment to academic integrity and expects all members of the university community to accept shared responsibility for maintaining academic integrity. Students in this course are subject to the provisions of the university's Academic Integrity Policy, approved by the Board of Trustees as Board Policy No. 709 on February 10, 2010, and published in the *Student Handbook*.

Penalties for academic misconduct in this course may include a failing grade on an assignment, a failing grade in the course, or any other course-related sanction the instructor determines to be appropriate. Continued enrollment in this course affirms a student's acceptance of this university policy.

Disabilities Statement

The University of Central Arkansas adheres to the requirements of the Americans with Disabilities Act. If you need an accommodation under this Act due to a disability, please contact the UCA Disability Resource Center, 450-3613.

Building Emergency Plan

An Emergency Procedures Summary (EPS) for the building in which this class is held will be discussed during the first week of this course. EPS documents for most buildings on campus are available at <http://uca.edu/mysafety/bep/>. Every student should be familiar with emergency procedures for any campus building in which he/she spends time for classes or other purposes.

Title IX Disclosure

If a student discloses an act of sexual harassment, discrimination, assault, or other sexual misconduct to a faculty member (as it relates to "student-on-student" or "employee-on-student"), the faculty member cannot maintain complete confidentiality and is required to report the act and may be required to reveal the names of the parties involved. Any allegations made by a student may or may not trigger an investigation. Each situation differs, and the obligation to conduct an investigation will depend on the specific set of circumstances. The determination to conduct an investigation will be made by the Title IX Coordinator. For further information, please visit: <https://uca.edu/titleix>. **Disclosure of sexual misconduct by a third party who is not a student and/or employee is also required if the misconduct occurs when the third party is a participant in a university-sponsored program, event, or activity*

College Chemistry I

Chem 1450

Fall 2019

Student Handbook Policies

You are encouraged to familiarize yourself with student policies described in the student handbook. In particular, carefully read and understand those policies pertaining to academic issues and sexual harrassment.

Course Evaluations

Evaluations are kept completely confidential. Your thoughtful feedback is highly valued and cannot negatively or positively affect your course grade. Over the years this information has changed and improved the instruction of this course.

Student evaluations of a course and its professor are a crucial element in helping faculty achieve excellence in the classroom and the institution in demonstrating that students are gaining knowledge. Students may evaluate courses they are taking starting on the Monday of the thirteenth week of instruction through the end of finals week by logging in to myUCA and clicking on the Course Evaluations Task.



Laney Manion Hall
Building emergency plan



2019-20 Student handbook

Disclaimer: This schedule is a guide for the semester. I reserve the right to amend our schedule as necessary.

College Chemistry I

Chem 1450

Fall 2019

Date	Laboratory	Lecture / Exam
23-Aug	Measurements	Chapter 1
26-Aug		
28-Aug		
30-Aug		
2-Sep	Density	Chapter 2
4-Sep		
6-Sep		
9-Sep	Separations	Exam #1
11-Sep		
13-Sep	Spectroscopy	Chapter 7
16-Sep		
18-Sep		
20-Sep	<i>Work Day</i>	Chapter 8
23-Sep		
25-Sep		
27-Sep	Hydrates	Chapter 3
30-Sep		
2-Oct	4-Oct	Exam #2
4-Oct		
7-Oct	Molecular Geometry I	Chapter 9
9-Oct		
11-Oct		
14-Oct	Molecular Geometry II	Chapter 10
16-Oct		
18-Oct	Reactions	Chapter 4
21-Oct		
23-Oct		
25-Oct	Titrations	Chapter 4
28-Oct		
30-Oct		
1-Nov	Thermodynamics	Chapter 4
4-Nov		
6-Nov		
8-Nov		Exam #3

College Chemistry I

Chem 1450

Fall 2019

11-Nov	Gas Laws	Chapter 5
13-Nov		
15-Nov		
18-Nov	Work Day	Chapter 6
20-Nov		
22-Nov		
25-Nov		
27-Nov	Thanksgiving break	
29-Nov		
2-Dec	Review	
4-Dec		
6-Dec		
Wednesday December 11 2-4pm		Final Exam



College Chemistry I

Chem 1450

Fall 2019

What do I need to do to be a successful student?

Many students think college will just be an extension of high school. It's not. To be successful in completing a college degree requires academic skills, study strategies, and personal habits you might not have used before. To be a successful student often means learning how to be a good student, first, and then learning the material covered in your classes. UCA provides resources to help you become a better student, but they are not mandatory. Only you can take advantage of the many [workshops and services](#) provided to improve your study skills and ability to manage your time.

What do I do if I'm having difficulty in a class?

First, don't wait until late in the semester to address your difficulties. The first time you realize you don't understand an assignment, or you receive a grade that's lower than you expected, seek help. Everyone needs assistance at some point. Take advantage of the resources you have to improve. You don't have to struggle alone. Meet with your professor (that's why they have office hours!). Check the [Tutoring Services](#) website for the tutor schedule or contact the [Center for Writing and Communication](#) for an appointment. (You've already paid for these services in your fees!) You can also form a study group with others in your class. You might understand something they don't, and vice versa. Take the initiative and seek help.

What if I feel out of place at UCA?

Many students struggle to adapt to a new environment, especially during their first year. It's a fairly common human experience. Time often helps, but reaching out to others or trying new things can help, too. Some students find it helps to join a new organization (we have over 200!). Look through OrgSync on myUCA to see what's available, or ask your faculty about

College Chemistry I

Chem 1450

Fall 2019

academic organizations through the department. Other students find meeting with a [peer coach](#) or even with a [counselor](#) just once can ease feelings of anxiety or homesickness. If you're living in UCA housing, you can also seek out your Resident Assistant or Peer Mentor for support or advice (that's what they do!).

What if I'm confused about my major or my finances?

Every student at UCA is assigned an [academic advisor](#) and a [financial aid counselor](#). These people are here to assist you! Make an appointment to see them or even just stop by the office and ask to meet with someone who's available. UCA also provides you a lot of information online about your program of study and your finances. As the one earning the degree, you should know all that you can about your degree requirements and expenses. Here are some resources to consult:

- [Academic Maps](#) (eight-semester plan for your degree)
- The [Undergraduate Bulletin](#) (contains course descriptions and program descriptions for all degrees)
- DegreeWorks (this will show you what courses you have yet to complete; access this through myUCA)
- Your student account (find this in Self-Service on myUCA)