

Course Information

Contact Details

Instructor	Dr. Jeremy B. Maddox
Office	closed due to COVID-19
Office Hours	weekdays by appointment via Zoom
Telephone	use email instead
Email	jeremy.maddox@wku.edu

Course Details

Course	CRN 36697 CHEM 121-A04 (2 credits)
Title	Lab College Chem I
Location	OCH 2010
Day(s)/Time	TWR 12:30 AM-3:00 PM
Corequisite	CHEM 120
Summary	Laboratory to accompany CHEM 120. One third of each meeting is spent reviewing material from the lecture and the remaining time is used to carry out laboratory investigations. Pre-lab lecture and laboratory meet once each week for three hours per week. Course Fee

Required Textbook

Title	Laboratory Experiments for Chemistry: The Central Science
Author(s)	Dahl and Edwards
Publisher	Pearson Education (Boston, MA)
ISBN	9781533908360
Note(s)	This lab manual is custom-made for WKU CHEM 121/223 courses. Visit or contact the WKU bookstore.

Student Learning Objectives

Students will demonstrate proficiency in laboratory skills and data collection/analysis for the following topics: solution properties, chemical kinetics, equilibrium, acid-base chemistry and equilibria, solubility, thermodynamics, and electrochemistry.

Laboratory Experiments

Students will perform multiple laboratory experiments in this course. Each experiment will have a graded pre-lab assignment and post-lab report. Students must perform each experiment at the scheduled time in order to receive credit for the pre/post-lab assignments. Pre/post-lab assignment due-dates and the laboratory experiment schedule are listed on the course schedule. Late pre/post-lab assignments will not be accepted for a grade and students will not be allowed to make up work for missed laboratory experiments. Students are required to abide by the WKU Department of Chemistry laboratory safety policies, which includes wearing laboratory appropriate clothing and splash goggles. Students failing to comply with the safety policies will not be permitted to perform the experiment and will receive zero credit for that experiment.

Grading Policy

Students will receive numeric scores on all pre/post-lab assignments. The pre/post-lab assignment for each experiment will carry an equal weight in determining a lab score for that experiment. Each lab score will then carry an equal weight in determining a course score. The course score will be used to assign letter grades based on the following scale:

A (100-90) B (89-80) C (79-70) D (69-60) F (59-0)

The student is responsible for initiating all changes in enrollment status with the registrar's office by the appropriate deadline.

The last day to drop a class with a W (withdrawal) and the last day to change a class from credit to audit is posted by the WKU Registrar's Office. The student is responsible for initiating all changes in enrollment status with the WKU Registrar's Office.

Student Accessibility Services

In compliance with university policy, students who require academic and/or auxiliary accommodations for this course must contact the Student Accessibility Resource Center (SARC), DSU 1074, Tel: (270) 745-5004. Do not request accommodations directly from the instructor without a letter of accommodation from SARC.

Attendance Policy

The policy of the WKU Student Handbook will be followed in this course, "Registration in a course obligates the student to be regular and punctual in class attendance...When a student is absent from class because of illness, death in the family, or other justifiable reasons, it is the student's responsibility to contact the instructor as soon as possible." Make-up work due to absences (excused or unexcused) is not available for this course.

Attendance will be taken daily. Students with unexcused absences are disqualified from receiving the class curve on the next exam.

Classroom Disruptions

Digital devices and non-coursework related conversations create a significant disruption in class. Disruptive behavior makes it difficult for the instructor and other students to concentrate on the learning objectives of the course. This will not be tolerated. Students who create a disruption may be dismissed from the classroom, and further academic sanctions will be brought against students who persistently disrupt the class.

Academic Dishonesty, Plagiarism, and Cheating

The policy of the WKU Student Handbook will be followed in this course, "Students who commit any act of academic dishonesty may receive from the instructor a failing grade in that portion of the coursework in which the act is detected or a failing grade in the course without possibility of withdrawal. The faculty member may also present the case to the Office of Student Conduct for disciplinary sanctions."