

CHEM 1450 General Chemistry 2, Section B, Spring 2024

1.) Lecture

Lecturer: James Zahardis, PhD

Email: James.Zahardis@uvm.edu

Office: Innovation E329

Office Hours: Tues and Thurs 3-5 pm, Fri 12-2 pm (other times by appointment)

Class Time: Tues and Thurs 1:15 – 2:30 PM

Class Location: Innovation Hall E102

cover Chapters 13-20 in a linear manner. Topics
include chemical kinetics, chemical equilibrium, acid-

Homework Assignments from the Book: You are **expected to read all the assigned chapters**. Lists of suggested homework problems will be posted on Brightspace.

Mid-term Exams: There are **three mid-semester exams**, a near the end of the semester **take-home project/exam** (see below), and a **final exam**. (Exam dates below.) **There are no scheduled make-up dates.** *However, if you must miss an exam due to medical reasons, family emergency or other reasons, contact your Dean's Office and/or the Center for Health and Wellbeing and get an excused absence. In the case of an excused absence, I will allow you to retake the exam up until I return the exams or post the solutions (whichever comes first).* (It typically takes me about 1 week to grade and return the exams, and I typically post results online shortly thereafter.)

If you cannot make-up the exam in that timeframe, **I will be averaging the 3 highest exam scores (including the take-home project/exam) into your total points**—the lowest exam score is dropped, so your missed exam would count as that lowest score.

The 3 mid-term exams are given during **normal lecture time** in our lecture hall (Innovation E102). The exams include

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exams. I also reserve the right to modify the format of the exams by my professional judgement.

All exams except for the final exam will be returned within about 1 week.

Take-Home Project/Exam: Toward the end of the semester, I will give a comprehensive project/exam that you will have a few days to work on. The purpose of this is to **help you prepare for the final exam**, because (with the exception of Chapter 20, Nuclear Chemistry) these chapters tend to tie together, so if early material is not well understood, subsequent material becomes very difficult to master. The take-home project/exam is designed to aid you in reviewing for the final exam.

Final Exam. The final exam time and location is set by the registrar and listed below. The final exam will be approximately twice the length of a mid-term exam, so it will have approximately 30 to 40 questions, all (or mainly) multiple choice. **It will be a comprehensive exam.** All the aforementioned rules regarding taking exams described in the above sections 0.5 (c)-1.1 (a)-1.6 (n)1.6 (

Final Exam Policy: The University final exam policy outlines expectations during final exams and explains timing and process of examination period.

<https://www.uvm.edu/registrar/final-exams>

2.) Laboratory

The information on the lab below is presented to consolidate the information on lab and lecture components of this class. Christine Cardillo, Undergraduate laboratory Supervisor, will make a more extensive syllabus for the laboratory portion of the class, which will be available on Brightspace. (Anything described in that syllabus pertaining to labs supersedes what is described below.)

Required Lab Materials: Safety Glasses, Lab Coat, and Lab Notebook. All are available in the UVM Bookstore, or can be purchased from their retailer of choice. All the lab procedures will just be posted online on the lab Brightspace pages.

Lab Attendance Policy: Students must attend the lab section they are assigned to.

Lab Schedule:

Spring 2024 Chemistry 1450 General Chemistry 2 Laboratory Schedule			
Week:	Dates:	Lab Schedule:	Work Due:
1	Tue Jan 16 – Fri Jan 19	NO LABS. Review the lab syllabus and schedule. Purchase a Lab Notebook, Safety Glasses, and a Lab Coat before your first laboratory period. Take and PASS the Laboratory Safety Quiz on Brightspace BEFORE your first laboratory period.	
2	Mon Jan 22 – Fri Jan 26	Laboratory Introduction, Lab Safety Review, & Lab Check-In	Lab Safety Quiz
3	Mon Jan 29 – Fri Feb 2	Experiment 1: Molar Mass Det from Freezing Point Depression	Exp 1 Pre-Lab
4	Mon Feb 5 – Fri Feb 9	Experiment 2: Kinetics Iodination of Acetone	Exp 1 Post-Lab Exp 2 Pre-Lab
5	Mon Feb 12 – Fri Feb 16	Experiment 3: Thermodynamics of Hot & Cold Packs	

4.) Additional Information

Offenses against the Code of Academic Integrity (i.e., cheating) are deemed serious and insult the integrity of the entire academic community. Any suspected violations of the code are taken very seriously and will be forwarded to the Center for Student Ethics and Standards for further investigation.

<http://www.uvm.edu/policies/student/acadintegrity.pdf>

Important Dates: <https://www.uvm.edu/registrar/uvm-academic-calendar-2023-2024>

ACCESS Accommodations

Student Learning Accommodations Statement: *In keeping with University policy, any student with a documented disability interested in utilizing accommodations should contact ACCESS, the office of Disability Services on campus. ACCESS works with students to create reasonable and appropriate accommodations via an accommodation letter to their professors as early as possible each semester.*

Contact ACCESS: A170 Living/Learning Center - 802-656-7753 - access@uvm.edu.

ACCESS Office: <http://www.uvm.edu/~access/>

Policy on disability certification and student support:

No matter how you make meaning of your life, you are welcome at the Interfaith Center for reflection, spiritual practice, education, and community building.
<https://www.uvm.edu/interfaithcenter>

Women & Gender Equity Center

The UVM Women & Gender Equity Center cultivates joyful community while advancing gender equity across identities. We envision a brave, diverse, and equitable learning environment for all members of the UVM community. We strive to provide programming and events that connect our community through the exploration of the intersections of their gender and other identities.
<https://www.uvm.edu/wagecenter>

Important University Policies

Academic Integrity

Offenses against the Code of Academic Integrity are deemed serious and insult the integrity of the entire academic community. Any student who is found to be in violation of the Code of Academic Integrity will be subject to disciplinary action. For more information, please contact the Office of Academic Integrity at academicintegrity@uvm.edu or call 802-241-2222.

Counseling & Psychiatry Services (CAPS): Please call 802-656-3340 for assistance.

C.A.R.E. If you are concerned about a UVM community member or are concerned about a specific event, we encourage you to contact the Dean of Students Office (802-656-3380). If you would like to remain anonymous, you can report your concerns online by visiting the Dean of Students website at <https://www.uvm.edu/studentaffairs>

General statement regarding potential changes during the semester:

<http://catalogue.uvm.edu/>

The University of Vermont reserves the right to make changes in the course offerings, mode of delivery, degree requirements, charges, regulations, and procedures contained herein as educational, financial, and health, safety, and welfare considerations require, or as necessary to be compliant with governmental, accreditation, or public health directives.

Intellectual Property Statement/Prohibition on Sharing Academic Materials Students are prohibited from publicly sharing or selling academic materials that they did not author (for example: class syllabus, outlines or class presentations authored by the professor, practice questions, text from the textbook or other copyrighted class materials, etc.); and students are prohibited from sharing assessments (for example homework or a take-home examination). Violations will be handled under UVM's Intellectual Property policy and Code of Academic Integrity.

Student Learning Accommodations

In keeping with University policy, any student with a documented disability interested in utilizing ADA accommodations should contact Student Accessibility Services (SAS), the office of Disability Services on campus for students. SAS works with students and faculty in an interactive process to explore reasonable and appropriate accommodations, which are communicated to faculty in an accommodation letter. All students are strongly recommended to discuss with their faculty the accommodations they plan to use in each course. Faculty who receives Letters of Accommodation with Disability Related Flexible accommodations will need to fill out the Disability Related Flexibility Agreement. Any questions from faculty or students on the agreement should be directed to the SAS specialist who is indicated on the letter.

Contact SAS:

A170 Living/Learning Center;

802-656-7753

access@uvm.edu

www.uvm.edu/access