

CHEMISTRY 0120/0420

FALL 2025

Course Information

Lectures: MWF 8 – 8:50 AM
Location: CSC Room 152

Instructor Information

Dr. Michelle Morgan
Office: Room 905 CSC
Email: mmm235@pitt.edu

Office Hours: Mondays and Wednesdays after class (Outside the classroom by the chalkboard to start). Other times TBD.

REQUIRED COURSE MATERIALS

Chemistry 2e. Second Edition by Openstax. (E-book is free to download)
ALEKS (Online Homework system)
Scientific calculator

Chemistry 0120 Lab materials
Safety Goggles
Lab Coat

COURSE OVERVIEW

CHEM 0120 is a one semester course in general chemistry that includes lecture, recitation, and lab components. Lectures and recitations will be used to supplement the text and provide the opportunity to solve example problems. Labs will give you hands-on experience and help you develop good practice in problem solving and lab methodology.

Content covered this semester will include (in order):

- Chapter 11: Solutions
- Chapter 13: Equilibria Concepts
- Chapter 16: Thermodynamics
- Chapter 14: Acid-Base Equilibria
- Chapter 15: Other Equilibria
- Chapter 17: Electrochemistry
- Chapter 12: Kinetics
- Chapter 21: Nuclear Chemistry

Students are responsible for keeping up with the assigned reading from the text and any supplementary handouts. Lectures will be much more useful if you have already reviewed the material prior to coming to class. Since you will have the opportunity to practice problems in lecture, it is beneficial to bring your calculator to each class.

CANVAS

From this site, you will have the opportunity to download course handouts, lecture notes, exam objectives and practice problems. Material and announcements will be posted frequently.

RECITATION

As part of CHEM 0120, you signed up for a laboratory section. In the first hour of the lab section, you will have recitation (CHEM 0420 students would have signed up for a recitation only). Recitation will give you the opportunity to review the material that has been discussed in class, work on examples, and gauge your understanding through in-class assignments and quizzes. **Attendance at recitation is required for all students in CHEM 0120 and 420.** The overall recitation grade is composed of attendance/in-class participation and quizzes.

ALEKS ONLINE HOMEWORK

ALEKS is an electronic homework/learning system that you will be using throughout the semester. For each chapter, one or more sets of electronic homework will be assigned and each homework must be completed by the given date. It is important that you start the homework early in case you are encountering any computer issues. These homework assignments are adaptive.

LABORATORY

The laboratory portion of the course is required for all CHEM 0120 students and will account for 20% of your overall grade. Your teaching assistant will review the rules and due dates for pre-labs and lab reports during your first meeting.

Consult the lab manual for make-up lab policies. If you miss a lab, you may make it up in a different lab section **during that week** provided the instructor has space available. The labs are at capacity and it is possible you will not be able to easily find an available space.

Goggles and a fire-resistant lab coat are required for admission to and participation in the laboratory!

GRADES & EXAMS

There will be four 'midterm' exams and a final exam for the lecture portion of this course. The midterm exams will be held during the normal class time. You must bring your Pitt ID or another photographic ID to each exam for your exam to be graded.

Exam dates:

Midterm Exam 1	Monday, September 15 th
Midterm Exam 2	Monday, October 6 th
Midterm Exam 3	Monday, October 27 th
Midterm Exam 4	Wednesday, November 19 th
Final Exam	Monday, December 8 th at 8 AM

The lowest midterm exam score will be dropped. **No make-up exams will be given during the semester.** If you miss an exam due to illness, you will have to use your dropped exam for that exam. If you know that you will be absent for an exam due to a school function, let me know at least one week before the exam and we can make alternate arrangements. The final exam is cumulative and mandatory. In no circumstances will the final exam be allowed as the dropped exam.

If you feel that an error was made in the grading of your exam, you can submit the entire exam for a re-grade. It must be submitted within one week of the date the answer key was posted. You must provide a written explanation with the exam explaining where the error occurred. The entire exam will be re-graded.

Your overall grade will be comprised of:

Exams	45% – lowest midterm exam is dropped
Final exam	17.5%
Recitation	10%
ALEKS	7.5%
Lab	<u>20%</u>
TOTAL	100%

FINAL GRADE ASSIGNMENTS

<u>Percentage (%)</u>	<u>Grade</u>
98.0 – 100	A+
92.0 – 97.9	A
90.0 – 91.9	A-
88.0 – 89.9	B+
82.0 – 87.9	B
80.0 – 81.9	B-
78.0 – 79.9	C+
72.0 – 77.9	C
70.0 – 71.9	C-
68.0 – 69.9	D+
62.0 – 67.9	D
60.0 – 61.9	D-
Below 60.0	F

The instructor reserves the right to change this syllabus as needed. The class will be informed verbally and on Canvas of any changes.

FINAL EXAM POLICY

You need to check your schedule for final exams early in the term. If you have three or more finals on the same day, you need to print the form from the Registrar's website, obtain faculty signatures, and file the form with the Registrar. They will move one of your finals for you. Please note that there is a deadline for the submission of this form, and students filing forms after that date will not be given relief.

UNIVERSITY POLICIES

ACADEMIC INTEGRITY

The minimum sanction for cheating in this class is a zero score for the exam or assignment on which the violation was committed. Any zero scores due to cheating will not be dropped when determining the overall course grade.

Students in this course will be expected to comply with the [University of Pittsburgh's Policy on Academic Integrity](#). Any student suspected of violating this obligation for any reason during the semester will be required to participate in the procedural process, initiated at the instructor level, as outlined in the University Guidelines on Academic Integrity. This may include, but is not limited to, the confiscation of the examination of any individual suspected of violating University Policy. Furthermore, no student may bring any unauthorized materials to an exam.

To learn more about Academic Integrity, visit the [Academic Integrity Guide](#) for an overview of the topic. For hands-on practice, complete the [Understanding and Avoiding Plagiarism tutorial](#).

DISABILITY SERVICES

If you have a disability for which you are or may be requesting an accommodation, you are encouraged to contact both your instructor and [Disability Resources and Services](#) (DRS), 140 William Pitt Union, (412) 648-7890, drsrecep@pitt.edu, (412) 228-5347 for P3 ASL users, as early as possible in the term. DRS will verify your disability and determine reasonable accommodations for this course.

EQUITY, DIVERSITY, AND INCLUSION

The University of Pittsburgh does not tolerate any form of discrimination, harassment, or retaliation based on disability, race, color, religion, national origin, ancestry, genetic information, marital status, familial status, sex, age, sexual orientation, veteran status or gender identity or other factors as stated in the University's Title IX policy. The University is committed to taking prompt action to end a hostile environment that interferes with the University's mission. For more information about policies, procedures, and practices, visit the [Civil Rights & Title IX Compliance web page](#).

I ask that everyone in the class strive to help ensure that other members of this class can learn in a supportive and respectful environment. If there are instances of the aforementioned issues, please contact the Title IX Coordinator, by calling 412-648-7860, or e-mailing titleixcoordinator@pitt.edu. Reports can also be [filed online](#). You may also choose to report this to a faculty/staff member; they are required to communicate this to the University's Office of Diversity and Inclusion. If you wish to maintain complete confidentiality, you may also contact the University Counseling Center (412-648-7930).

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University of Pittsburgh statement concerning classroom recording: “To ensure the free and open discussion of ideas, students may **not** record classroom lectures, discussion and/or activities without the advance written permission of the instructor, and any such recording properly approved in advance can be used solely for the student’s own private use.”