THE OHIO STATE UNIVERSITY

CHEMISTRY 1206 – Foundations of General Chemistry I
Autumn 2025 Lecture Syllabus

TR | 8:00am – 9:20am | Chemical and Biomolecular Engineering and Chemistry Building 130
3 credit hours

Introduction

Instructional Team

Role	Name	Email
Lecturer	Dr. Rebecca Ward	ward.1864@osu.edu
Course Coordinator	Jennifer Stebick	genchem@osu.edu
Office Contact	Holly Wheaton	wheaton.4@osu.edu
TA	Octavion Spears	spears.169@osu.edu
TA	Brian Ferguson	ferguson.1200@osu.edu
Undergrad Tutor	Amelie Mockbee	
Undergrad Tutor	Mankaran Grewal	

Welcome to CHEM 1206!

We are so glad you are here and are excited to explore general chemistry concepts with you this semester. Our goal is that you leave this course with an appreciation of how chemistry impacts your everyday lives. We also want to provide you with the foundational chemistry concepts that will facilitate your success in future science courses and careers. Our team of lecturers, TA's, and administrators are deeply committed to supporting your learning journey.

Chemistry 1206 is about ½ of the same content covered in CHEM1210 here at OSU. However, this course will be a reduced content-pace relative to CHEM1210. Additionally, this CHEM1206 course will incorporate active learning approaches in the classroom and an emphasis on metacognitive learning strategies will be consistently included.

This syllabus outlines the resources, policies, and procedures that will ensure your success in this course. Please familiarize yourself with this syllabus and keep it in a convenient place for reference throughout the semester. If you have questions or concerns about the syllabus itself, please contact your lecturer, Dr. Ward, at ward.1864@osu.edu.

Undergraduate Office

614-292-1204, Celeste Laboratory, room 110 (CE 110). Holly keeps us afloat from there and has the answers to life's big and small questions. Stop by any time Monday–Friday, 8:00am–4:30pm for assistance (but if you're going to ask Holly what the meaning of life is, maybe call first and schedule an appointment).

Required Materials

The following materials are required for the course:

Textbook & Homework Software

An electronic copy of the textbook and online homework software (ALEKS/McGraw Hill) for this course are provided through the Carmenbooks program. ***You do NOT need to independently purchase a textbook for the course***; instead, you will be charged for your access to the e-text and online homework software through a "Carmenbooks" fee on your statement of account. You can learn more about the e-textbook fee for this course by visiting the Textbook Information Carmen page.

If you work better with a hard copy of the textbook, you can purchase one at a bookseller of your choice. A hard copy of the text is not sold in the university bookstore. The textbook is *Chemistry Atoms First*, 5th edition, by Julia Burdge and Jason Overby.

Tablet or Laptop

Exams will be administered through LockDown Browser and **must** be taken on a tablet or laptop.

By **Monday, September 1**, follow the instructions on the Preparing Your Device for Exams Carmen page to make sure your device meets minimum requirements for using LockDown Browser.

If you do not already own a device or if your device does not meet the minimum device requirements, AND you qualify for financial aid, you may borrow a device through the Student Technology Loan Program. Submit your loan request by the end of day **Monday, September 1** to ensure you are prepared for your first exam.

Approved Calculator

All components of CHEM 1206 require a calculator. Only four calculator models are approved for use in this course. Please note that these are the only calculators permitted during exams:

- Texas Instruments TI-30XIIS
- Texas Instruments TI-30Xa
- Texas Instruments TI-83
- Texas Instruments TI-84
- *Plus and Plus CE models of the above calculators are also permitted.*

If you do not already own one of these calculators, the most cost-effective models are the TI30XIIS and the TI30Xa. You can purchase your calculator at the retailer of your choice.

Course Components

Exams

- ***Three 50-minute midterms and one 105-minute final***
- **60% of final course grade**
- Midterm exams will be administered in-person during specified lecture meetings.
- The final exam will be held in-person according to the university registrar's final exam schedule.
- Exam information and the exam schedule appear on pgs. 10-12.
- Your point of contact for exams is your Course Coordinator, Jennifer Stebick, at genchemexams@osu.edu. Please state your course, lecturer, and lecture time in your email.

Online Homework

- **10% of final course grade**
- Your course will be utilizing online homework, accessed through Carmen via ALEKS-Chemistry tab. There will be weekly assignments and due dates will be posted in Carmen. More information is on pg. 12 of this syllabus.
- Weekly due dates are meant for students to keep pace, but homework will be accepted up until **Friday, December 12 at 11:59 PM.** No homework submitted beyond this date will be accepted.

Learning Reflections

- **10% of final course grade**
- Throughout the semester you will use Carmen Assignments to submit Learning Reflections
- Details about the learning reflections are available on pg. 12 and specific assignment instructions will be in Carmen, available at least one week before the posted due date.

Participation and Engagement

- **10% of final course grade**
- Students will earn points for answering participation questions presented in class.
- These questions can only be completed by attending class. Students **cannot** be absent or complete the participation questions later.
- See pg. 12 for an explanation of how participation points work.

At-home Quizzes

- **10% of final course grade**
- 4 out-of-class quizzes will be given over the course of the semester.
- Quizzes are 30 minutes in duration and open note.
- A discussion of at-home quizzes appears on pg. 12.

Course Information and Policies

Communication

Your instructional team will communicate important information to you throughout the term via Carmen announcements and your Buckeyemail email account. Please verify that your OSU email is set up appropriately on your electronic devices so we can keep in touch. We highly recommend that you check email and Carmen at least once per day.

Carmen

Carmen is the Learning Management System (LMS) used at Ohio State. It is the central hub from which your course will be conducted. Everything you need for the course is available in and communicated through Carmen, so daily engagement with it is crucial to your success in this course. It is important that you check your Carmen notification settings to ensure you receive course announcements in a timely manner. You can learn how to set up Carmen notifications by visiting the Carmen Notification Preferences Guide.

Log in to Carmen to:

- Access your textbook and course materials
- Read important announcements
- Complete assignments
- Take exams
- View your grades
- Find complete policies
- Locate learning and personal resources

A free Canvas app is available to download for both Android and iOS, making it easy to log in to your course from anywhere.

Enrollment Information

In accordance with federal regulations (Title IV), we must report your attendance status to the University Registrar after the first week of classes. Quiz 0 is the assignment we use to gauge your enrollment in the course. If you do not complete the quiz by **11:59 PM, Sunday, August 31**, you will be reported to the Registrar as “non-attending,” which may lead to disenrollment and problems with your financial aid.

Switching Sections

Stop by the office (Celeste 110) or email Holly (wheaton.4@osu.edu) before **Friday, September 5** to switch sections. When you switch sections, ask your TA to transfer the grades you have already earned to your new section. They will be sad to see you go.

Switching between sections of General Chemistry is not permitted after **Friday, September 5.**

University Policies

This course adheres to University policies related to Academic Misconduct, Artificial Intelligence, Religious Accommodations, Disability Accommodations, Intellectual Diversity, Grievances and Solving Problems, and Creating an Environment Free from Harassment, Discrimination, and Sexual Misconduct. For more information about any of these policies, please visit the Office of Undergraduate Education Standard Syllabus Statements webpage.

Changes to the Syllabus

ONLY the Lecturer and Course Coordinator of the course may modify due dates and assignment details in this syllabus. Teaching Assistants are not authorized to alter any syllabus information or course policies.

Absence and Closing Policies

Absences

If you're unable to attend class, it is important that you follow the posted procedures to ensure you stay on track. Each course component has unique procedures:

- **Exams:** Read the Alternate and Make-up Exam Policy or Make-up Final Exam Policy, then submit the application linked within.
- **Lecture:** There are points for in-class participation, which can only be earned when in-class. There will be ample participation points available, thus there are no make-up participation points for missed classes. You may view Carmen Lecture Modules to access content that you have missed.

Documentation may be required. Any non-emergency absence requests that are not approved within the first 14 days of the semester will be evaluated based on provided documentation and may not be approved.

Faith-related Absences

In accordance with Ohio State policy, you may be absent from this class for **up to three days** to observe sincerely held religious beliefs and practices, or to participate in organized activities conducted under the auspices of a religious or spiritual organization.

To request a faith-related absence in CHEM 1206:

- You must notify genchem@osu.edu IN WRITING of ALL specific dates for which you are requesting religious accommodations **no later than Tuesday, September 9.**
- If your requested absence falls on the date of an exam, you must also complete the Alternate and Make-up Midterm or Make-up Final Exam application for that absence by **Tuesday, September 9**.

All members of your instructional team will keep your requests confidential and will work with you to determine accommodations that will support your success in the class. If you have questions about this policy or need assistance, please contact your Course Coordinator at genchem@osu.edu.

University Short-Term Closing

University Short-Term Closing refers to an official temporary shutdown of the university due to severe weather or another critical reason in which the duration is less than five days. Information on university closings is available on the Ohio State Department of Public Safety campus status website or by phone at 614-247-7777. You are encouraged to ensure you are registered for Buckeye Alert Text Messaging System.

Should in-person classes be canceled university-wide, this course will follow the guidance below to ensure continuity of instruction:

- **Lecture:** Dr. Ward will notify you of alternative methods of instruction. Communication will be via CarmenCanvas announcements.
- **Exams:** If an exam is scheduled during a short-term closing, it may be postponed or moved to an online format. You will receive updated exam details, including format and timing, via Carmen announcements.

Goals and Outcomes

Chemistry 1206 is a physical science course and has the following goals and learning outcomes:

- Students understand the basic facts, principles, theories, and methods of general chemistry topics including the atom, electrons, and bonding.
    - *This course will include general chemistry 1 content consistent with ½ of a general chemistry 1 semester college course. Students will be presented content and practice topics in class. Students will also practice on homework outside of class and assessed via take home quizzes and in-person exams. One example will be learning about the subatomic particles that make up the atom, and the electronic structure of the atom.*
- Students understand key learning strategies and how to apply these to their own learning.
    - *The Study Cycle will be presented to students, used within the course design, and students will describe and reflect using the study cycle in their own learning in the form of an e-portfolio. This portfolio will be generated via a scaffolded implementation and will involve both instructor and peer feedback before final editing.*
- Students describe growth mindset, grit, and motivation.
    - *Specific portions of the learning portfolio will include description and reflection of self-practices on growth mindset, grit, and motivation in learning. This portfolio will be generated via a scaffolded implementation and will involve both instructor and peer feedback before final editing.*
- Students recognize problem solving strategies and practice implementing these in a chemistry context.
    - *During in class active practice sessions students will both learn about problem solving strategies, and practices these. Additionally, problem comparisons will be initiated at several instances in which students will compare their shown work to a key or solution. They will analyze and annotate key techniques and reflect on their own problem solving practices.*

Grading

Your performance in this course will be evaluated based on the components below**. There is no extra credit.** If you have a concern or question about a grade, please contact Dr. Ward promptly and we will work to adjust any inconsistencies in a timely manner.

Individual assignments will be scaled to contribute toward the established percentage of your total course grade:

Item	Delivery location & platform	Weighting %
Online Homework	At-home using ALEKS-Chemistry via Carmen	10%
Learning Reflection (3 of them)	At-home Carmen	10%
Participation & Engagement	In-class using ALEKS and Carmen	10%
Quiz Checkpoints (4 of them)	At-home using Carmen	10%
Exams (3 of them)	In-class using Carmen	36%
Cumulative Final Exam	In-person using Carmen	24%

Mandatory Quiz 0

This assignment does not contribute to your course grade but must be completed with a 100% score to pass this course. Quiz 0 not only confirms your enrollment in the course but also teaches you about course policies.

You must complete this quiz (with any score) by **11:59 PM on Sunday, August 31** to confirm your participation in the course. If you do not complete the quiz by the August 31 deadline, you will be reported to the Registrar as “non-attending” in accordance with Federal Title IV guidelines, which may lead to disenrollment and problems with your financial aid.

The deadline to score 100% on the quiz is **8:00 AM on Friday, December 12**. You may retake the quiz as many times as you need to receive 100%. **If your score on Quiz 0 is less than 100% as of 8 AM on December 12, your final course grade will be reduced by one full letter** (e.g., if you earn a B+ in the course but do not meet the requirement, your final grade will be a C+).

Course Letter Grade Assignment

Once your overall point total (final score) has been calculated using the weighting scheme shown above, your letter grade will be assigned based on the following scale:

Total Score (%)	Letter Grade
93 ≤ x < 100	A
89 ≤ x < 93	A−
85 ≤ x < 89	B+
81 ≤ x < 85	B
77 ≤ x < 81	B−
73 ≤ x < 77	C+
68 ≤ x < 73	C
64 ≤ x < 68	C−
60 ≤ x < 64	D+
55 ≤ x < 60	D
x < 55	E

If exam performance falls outside of historical norms the department retains the right to make changes in the grading scale. Dr. Ward is happy to clarify the grading process and discuss your performance in this course.

Because the grading scale for this course cannot be finalized until all assignments have been completed, you will not see a total letter grade in Carmen throughout the semester to track your progress or anticipate your final grade.

(continued on next page)

Component Descriptions and Schedules

Lecture Topics

Chapter	Topics
Some topics from Chapter 1 (the remaining will be covered in CHEM1208)	Metric units and conversions, density, scientific notation, scientific method
Chapter 2	Subatomic particles & atomic structure, Atomic number mass number & isotopes, Nuclear stability, Average atomic mass, the periodic table, the mole and molar mass
Chapter 3	Energy & energy changes, the nature of light, quantum theory, Bohr's hydrogen atom, wave property of matter, quantum mechanics, quantum numbers, atomic orbitals
Chapter 4	Development of the periodic table, electron configurations, electron configurations and the periodic table, effective nuclear charge, periodic trends of elements, electron configurations of ions, ionic radius
Chapter 5	Compounds, Lewis dot symbols, ionic compounds and bonding, naming ions and ionic compounds, covalent bonding and molecules, naming molecular compounds, covalent bonding in ionic species, molecular and formula masses, percent composition of compounds, molar mass
Chapter 6	The octet rule, electronegativity and polarity, drawing Lewis structures, formal charge, resonance, exceptions to the Octet rule
Chapter 7	Molecular geometry, molecular polarity, intermolecular forces, valence bond theory, hybridization, multiple bonds, molecular orbital theory, delocalized bonding

Class Schedule

Week	Dates	Dates and Content	Notable Graded Work
1	8/26-8/29	8/26, T – Intro 8/28, Th - 2.1-2.2, 1.2	Quiz 0
2	9/1-9/5	9/2, T – 3.1, 2.3-2.4 9/4, Th – 2.5-2.6, 1.4	
3	9/8-9/12	9/9, T - 2.7 9/11, Th - Exam 1 Review	Quiz 1
4	9/15-9/19	**9/16, T – Exam 1** 9/18, Th - 3.2-3.4	Exam 1
5	9/22-9/26	9/23, T - 3.5-3.7 9/25, Th – 3.8, 4.1-4.2	
6	9/29-10/3	9/30, T – 4.3-4.5 10/2, Th – 4.5-4.6	Learning Reflection 1
7	10/6-10/10	10/7, T - 4.7 10/9, Th – Exam 2 Review	Quiz 2
8	10/13-10/15	**10/14, T – Exam 2** **10/16, Fall Break, no class**	Exam 2
9	10/20-10/24	10/21, T - 5.1-5.4 10/23, Th – 5.5-5.8	
10	10/27-10/31	10/28, T – 5.9-5.10, 6.1 10/30, Th – 6.2-6.4	Learning Reflection 2
11	11/3-11/7	11/4, T - 6.5-6.6 11/6, Th – Exam 3 Review	Quiz 3
12	11/10-11/14	**11/11, T – Veteran's Day, no class** **11/13, Th – Exam 3**	Exam 3
13	11/17-11/21	11/18, T – 7.1-7.2 11/20, Th – 7.3-7.4	Learning Reflection 3
14	11/24-11/25	11/25, T – In-Class Exam Retake ASYNCHRONOUS LECTURE 7.5-7.6 **11/27, Th - Thanksgiving Break, no class**	*Exam Retake Option
15	12/1-12/5	12/2, T - 7.7-7.8 12/4, Th – 7.7-7.8	**Quiz 4**
16	12/8-12/10	12/9, T – Review **12/11, Th – Reading Day, no class**	

Exams

Midterm exams are administered in person during class time. The final exam will be held in person according to the Registrar's final exam schedule. See the schedule below for dates.

All exams must be completed on a tablet or laptop using LockDown Browser. See the Required Materials section of this syllabus (page 2) for more information.

Exam Schedule

Exam	Date	Coverage
Exam 1	Tuesday, September 16	CH 1.2, 1.4, 2.1-2.7, 3.1
Exam 2	Tuesday, October 14	CH 3.2-3.8, 4.1-4.7
Exam 3	Thursday, November 13	CH 5.1-10, 6.1-6.6
Final Exam	Tuesday, December 16 at 8:00 AM Room TBA	CH 7.1-7.8 + Cumulative

Make-up Exams

Since exams are administered during scheduled lecture meetings, there are limited opportunities for make-up exams. That said, we understand that things such as illness and emergency may prevent you from taking an exam as scheduled above. For this reason, we offer two types of alternative testing sessions: "Alternate" exams and "Make-up" exams. Full details are found in the Alternate and Make-up Midterm Policy and Make-up Final Exam Policy in your Carmen course. It is important that you read the policies carefully, **as alternative testing sessions will only be provided to students who follow the policy instructions and deadlines.**

All requests must be submitted through the application, which is linked at the bottom of the appropriate policy. Requests are not accepted through email. **Submission of the application does not guarantee an alternative exam time will be granted,** as all applications are subject to the policy and must be evaluated for approval. You should submit your application as early as possible, so that you receive a response as early as possible.

The Course Coordinators evaluate Alternate and Make-up exam applications, and schedule exams for all General Chemistry courses. Dr. Ward cannot arrange alternative or make-up exams, so if you need one, please do not contact them. Simply submit the application and it will reach the coordinators for consideration. You can also reach your Coordinator at genchemexams@osu.edu. Please state your course (CHEM 1206), lecturer, and lecture time in your email.

**Exam Retake*

During this course you will have the option to retake one exam one time. You may choose if that is Exam 1, Exam 2, or Exam 3 or no exam at all. The Exam Retake Day will be during class on Nov 25th only. You must submit an application requesting to retake an exam by Nov. 20th. More details about the application and Exam Retake will be available immediately after Exam 3 and come from your instructor on Carmen. If you retake an exam, the new exam score will replace your previous score for whichever exam you selected to retake ***only*** if the score is higher than the original. The exam retake will be equivalent in content coverage, but it will not be the exact same as the previous exam. That is,

the new exam questions will be over the same content as the exam you have chosen to retake. Note that the Exam Retake is not a make-up exam option. That is, you must have taken the exam 1, 2, or 3, previously and are choosing to try again.

Online Homework

Your course will be utilizing online homework, accessed through Carmen ALEKS-Chemistry. There will be weekly assignments, due dates on the calendar posted to Carmen. You will be graded on completion. It is recommended that you keep a homework notebook to show your work as a learning resource. You should always work on your own initially, no supports, and commit to an answer. Then, as needed, seek out support from notes, video, textbook, to check your work. Weekly homework will be about 1-2 hours total in duration, but it is recommended that it be split up into smaller work sessions. Weekly due dates are meant for students to keep pace, but homework will be accepted up until the last day of the semester without loss of credit. **Friday, December 12 at 11:59 PM** the absolute last deadline for all homework assignments. No homework submitted beyond this deadline will be accepted. There are two types of homework, both are on ALEKS-Chemistry: Personalized Modules, and Communal Questions, and all are noted on the course calendar on Carmen.

Learning Reflection in Carmen

Throughout the semester you will work to generate reflections about your learning in this class. The details of these three reflections will be available on Carmen assignments and posted at least one week before the posted due date. Your TA's will give you personalized feedback on these three Learning Reflections, thus the due dates should be adhered to.

In-Class Participation and Engagement

During this course, foundational chemistry skills will be practiced during class. There will be times when students can earn points for participation and engagement during class. These will be a mix of chemistry content questions and metacognitive questions, delivered in class for points, via one or more Carmen function (assignment, quiz, or discussion) or ALEKS-Chemistry. These will be opened during class, and students present in class will be given time to complete these. These will be geared to peer-peer discussion and problem solving and will make sense for students within the space. That is, it is unreasonable for an absent student to make these up or complete them independently later. It is anticipated that there may be times when a student must miss class, to adjust for this, only 80% of the available participation points will be graded. That is, you can miss 20% without penalty. There is no extra credit for students above the 80% graded. No make-up participation & engagement points will be available.

At-Home Quizzes

Quiz Learning Checkpoints on Carmen will be given out of class this semester. These will be 30 minutes in duration and are open note. All work must be your own. These will be open for 2 days total, and no late quizzes will be accepted unless extenuating circumstances (that is, illness, unanticipated life event, etc.) exist. In this case a late request must be made to the instructor within one week of the quiz. When appropriate the TA will give you graded feedback.

Resources for Academic Success

General Chemistry Success Centers:

As a student enrolled in general chemistry, you have access to the Learning Resource Center (LRC), staffed by teaching assistants dedicated to helping you succeed in the course. The Learning Resource Center (LRC) is in Celeste Lab 170. Here, you can receive personalized assistance, clarify concepts covered in lectures, and address individual questions about various aspects of the course. To make the most of your visits, come prepared with specific questions or topics you need help with, bring your course materials, and be ready to actively engage in the learning process. Hours and staffing schedules for the Learning Resource Center will be posted in Carmen.

Additional Resources:

The Campus Resources page in Carmen offers links for help with everything from course content to mental health to finances and extracurricular involvement. It is a good place to start if you aren't sure where to go for information or assistance. Carmen is truly the beginning and end of all things.

Disability Services:

The general chemistry program strives to make all learning experiences as accessible as possible. If you anticipate or experience academic barriers based on your disability (including mental health, chronic or temporary medical conditions), reasonable accommodations can be established in partnership with Student Life Disability Services (SLDS).

IMPORTANT: Applying for and using SLDS accommodations in general chemistry is a multi-step process that involves working with both the SLDS office and our office. Please follow each of these steps:

1. First, follow the instructions on the Requesting SLDS Accommodations in General Chemistry Carmen page.
2. Second, follow the instructions on the Using SLDS Accommodations in General Chemistry Carmen page. It is very important that you read these instructions carefully.
3. Finally, **carefully read all correspondence you receive regarding your SLDS accommodations.** You will receive emails from both SLDS and the general chemistry instructional team.

We understand that this setting up SLDS accommodations can be a confusing and daunting process, but Holly is especially good at navigating it, so please reach out to her if you have any questions or uncertainties. You can stop in the office, call (614-292-6009), or email Holly for help.

Disability Services Contacts

Contact	Email	Phone	Address
SLDS	slds@osu.edu	614-292-3307	098 Baker Hall
Holly Wheaton	wheaton.4@osu.edu	614-292-1204	110B Celeste Lab

Statement on Intellectual Diversity:

Ohio State is committed to fostering a culture of open inquiry and intellectual diversity within the classroom. This course will cover a range of information and may include discussions or debates about controversial issues, beliefs, or policies. Any such discussions and debates are intended to support understanding of the approved curriculum and relevant course objectives rather than promote any specific point of view. Students will be assessed on principles applicable to the field of study and the content covered in the course. Preparing students for citizenship includes helping them develop critical thinking skills that will allow them to reach their own conclusions regarding complex or controversial matters.

Mental Health Resources:

As a student you may experience a range of issues that can cause barriers to learning, such as strained relationships, increased anxiety, feeling down, difficulty concentrating and/or lack of motivation. Mental health concerns or stressful events may lead to diminished academic performance or impact a student's ability to participate in daily activities. The Ohio State University offers services to assist you with addressing these and other concerns you may be experiencing.

You can learn more about the broad range of confidential mental health services available on campus via the Office of Student Life's Counseling and Consultation Service (CCS) by visiting the CCS website or calling 614-292-5766. If you need immediate assistance, call 614-292-5766 and request an urgent appointment. If it is after hours, press 2.

24-hour emergency help is also available through the 24/7 National Suicide Prevention Hotline by calling or texting 988, or by visiting the 988 Suicide & Crisis Lifeline website.

Academic Conduct

Some examples of academic misconduct in General Chemistry:

On exams:

- Having another person take your exam.
- Receiving assistance from another person while taking the exam (including looking at another student's exam without their knowledge).
- Taking screenshots or photos of the exam.
- Using screen sharing software during the exam.
- Sharing or receiving exam questions or materials in group chats, text messages, phone calls, or on websites, apps, and the like.
- Using notes on the exam.
- Using an unapproved calculator on the exam.

Tips for avoiding academic misconduct[1]:

1. **Know Your Rights.** Do not let other students in your class diminish the value of your achievement by taking unfair advantage. Report any academic integrity violation you see.
2. **Acknowledge Your Sources.** Whenever you use words or ideas that are not your own when writing a paper, use quotation marks where appropriate and cite your source in a footnote, and back it up at the end with a list of sources consulted.
3. **Protect Your Work.** In examinations, do not allow your neighbors to see what you have written; you are the only one who should receive credit for what you know.
4. **Avoid Suspicion.** Do not put yourself in a position where you can be suspected of having copied another person's work, or of having used unauthorized notes in an examination.
5. **Do your own work.** The purpose of assignments is to develop your skills and measure your progress. Letting someone else do your work defeats the purpose of your education, and may lead to serious charges against you.
6. **Never falsify a record or permit another person to do so.** Academic records are regularly audited and students whose grades have been altered put their entire transcript at risk.
7. **Never fabricate data, citations, or experimental results.** Many professional careers have ended in disgrace, even years after the fabrication first took place.
8. **Always tell the truth when discussing your work with your instructor.** Any attempt to deceive may destroy the relation of teacher and student.

Artificial Intelligence (AI):

In this course, the integration of artificial intelligence (AI) tools is used to support your learning before and after class, potentially including in-class sessions, ALEKS-Chemistry assignments, and practice tests. AI systems can also be used for assignments the instructor designates. **The instructor will model how to effectively integrate AI into your study routine,** including how to ask the right questions, interpret AI responses, and apply the information to solve chemistry problems, ensuring AI is used responsibly to complement your own critical thinking and problem-solving abilities. By leveraging AI appropriately, you can achieve a deeper understanding of general chemistry concepts and develop skills that will benefit you throughout your academic journey. **The instructor will specify which activities AI can be used to support.** You may not use traditional artificial intelligence tools embedding in other tools or generative AI tools to assist or produce work for this class EXCEPT on assignments specified in class or on the syllabus. Use of AI-generated content must be cited using an appropriate style guide. Submission of AI-generated content as your own work is considered a violation of Ohio State's Academic Integrity policy and Code of Student Conduct because the work is not your own. The use of unauthorized AI tools will result in referral to the Committee on Academic Misconduct. Please contact Dr. Ward if you have questions regarding this course policy.

If you are unsure about what constitutes academic misconduct in CHEM 1206, PLEASE ASK a member of your instructional team.

[1] From Northwestern University, "Eight Cardinal Rules of Academic Integrity." December 2024.

Conclusion

We are going to have a great semester learning and experimenting together. We know this syllabus is a lot of information to digest at once but remember that there is a whole instructional team (listed on page 1) to guide you when you have questions. e can’t wait to meet you!