

SYLLABUS

CHEM 1200: PREPARATION FOR GENERAL CHEMISTRY (FA23)

GENERAL INFORMATION CHEM 1200 (Preparation for General Chemistry), Fall 2023
Mondays, Wednesdays, Fridays 1:25-2:45 pm
CSC 013

PROFESSOR Lauren L. Comfort
Email: lauren.comfort@utah.edu
Office: HEB 1320

LEARNING ASSISTANTS *LAs will be introduced in class; see Canvas for contact info*

OFFICE HOURS *TBD; see Canvas for updates*

**** ATTN: CHEM 1200 is *not* the same as CHEM 1210! ****

CHEM 1200 (*Prep. for General Chemistry*) should not be confused with CHEM 1210 (*General Chemistry I*), where 1200 is designed to *prepare* students for the first semester of general chemistry. While CHEM 1200 is not an official prerequisite for CHEM 1210, students with weak or little-to-no previous exposure to chemistry should strongly consider enrolling in 1200 before moving into 1210.

Please note that CHEM 1200 will not satisfy the “General Chemistry” requirement for STEM majors or for those on a pre-health path (e.g. pre-med, pre-PA, etc.), and a passing grade in 1200 will not exempt you from taking 1210 should your studies require it.

CHEM 1200 is a 4-unit course designed to prepare students for General Chemistry I (CHEM 1210). Fundamental topics in chemistry will be introduced, with a focus on quantitative and qualitative reasoning, problem-solving techniques and collaborative learning through active group work. In addition to class time, students are expected to dedicate time outside of class to completing course assignments and developing a solid mastery of class material.

Co- / Prerequisites MATH 1050 (Intermediate Algebra)

If you have questions or concerns regarding your math background or course eligibility, please contact the Dept. of Chemistry Academic Advisor or the University of Utah Math Department regarding math placement exams and/or University math courses.

- Required Materials**
1. Current uID and access to Canvas
 2. Calculator (*the use of cell phone and/or laptop calculators will not be allowed*)
 3. Course worksheet packet (*for sale exclusively at the U Campus Bookstore*)
 4. Three-ring binder for class materials (*approx. 1.5” or larger*)
 5. Textbook: Tro, “Chemistry: Structure and Properties”*
 6. Modified MasteringChemistry account for homework*

** The eText and MasteringChemistry are available through the University’s Inclusive Access (IA) program; for questions, visit <https://www.campusstore.utah.edu/inclusiveaccess/>*

COURSE EXPECTATIONS, ASSIGNMENTS AND GRADING

All assignment due dates and times are listed on Canvas and/or on the class calendar (separate document)

Your attendance at, and active participation during, every class is mandatory, where there are no plans to offer online sections of CHEM 1200. Excused absences will be granted for University of Utah-sponsored athletic events, religious reasons, documented illness or personal extenuating circumstances, and will be addressed on a per-need individual basis. Due to the collaborative nature of the class, absences may have a significant impact on your ability to master the course material to the extent required of the curriculum, which in turn may ultimately be reflected in your performance on some/all of the assignments described below.

Video Notes (5%) In preparation for class, you will be required to take notes on an introduction video *before* every worksheet, where **your video notes will be due at 1:25 pm at the start of each class**. Your video notes will be graded on a scale of 0-2, where an automatic zero will be awarded to any late or missing notes; while there is no official page requirement for video notes, the more detailed your notes, the more prepared you will be for class and the more accessible – and easier! – your class worksheet will be. In the event of an absence, your video notes are due when you return to class. *No video note grades will be dropped.*

Worksheets (15%): **Your class worksheets will be reviewed at the end of every class** and will be graded based on completion and accuracy. Should you miss class, it is your responsibility to complete that day's worksheet *before you return to the next class*, where questions can be answered during Office Hours or via email. *No worksheet grades will be dropped.*

Homework (15%) **Homework will be due by 1:25 pm at the beginning of the following class**, where, for example, if a worksheet is completed on a Monday, the corresponding homework assignment will be due by Wednesday at 1:25 pm. All homework will be completed online through Mastering Chemistry, where each student is required to use an individual access code for the program; access codes cannot be shared nor purchased used, and should be valid for up to one year after activation. You will be allowed up to five attempts to answer each homework question, where partial credit will be deducted for each incorrect attempt. *Homework extensions will not be granted and each answer [within a problem set] submitted after a deadline will be automatically penalized by 10% per day late; your two lowest homework grades will be automatically dropped.* Additional details regarding the purchase and use of Mastering Chemistry, along with the e-textbook, will be discussed on the first day of class.

Exams (60%): **Four full-length exams will be administered during class time** (15% each), where all exam dates are listed on the class calendar. With the exception of extenuating circumstances, exams cannot and will not be rescheduled and exam make-ups will not be allowed. Should you require exam accommodations, you must contact the University's Center for Disability and Access (CDA) at <https://disability.utah.edu/>; accommodations will not be granted without official approval by the University. *No exam grades will be dropped nor replaced.*

Final Exam (5%): **The final exam is mandatory and will include material from the entire semester**. The final will be administered in our usual classroom on Wednesday, December 13th from 1-3 pm as scheduled by the official U Final Exam Calendar; with the exception of extenuating circumstances, the final exam cannot and will not be rescheduled.

Extra Credit: *Exams and homework may contain possible extra credit points.* No additional work will be assigned or accepted for extra credit.

I aim to be 100% transparent with grades at all times, and will be regularly updating your Canvas gradebook to provide you with the most current and accurate sense of where you stand in the class at any point. Letter grades will be assigned based on a traditional grading scale *no harder than* described below, where **grades in CHEM 1200 are not curved**, a.k.a. what you see in your Canvas grade book is what you get! Additional details regarding University of Utah grading policies can be found at <https://regulations.utah.edu/academics/6-100.php>.

<u>A = 90s</u>	<u>B = 80s</u>	<u>C = 70s</u>	<u>D = 60s</u>	<u>E = Below 60</u>
≥ 93: A	87 to < 90: B+	77 to < 80: C+	67 to < 70: D+	0 < 60: E
90 to < 93: A-	83 to < 87: B	73 to < 77: C	63 to < 67: D	
	80 to < 83: B-	70 to < 73: C-	60 to < 63: D-	

GENERAL COURSE POLICIES

Details regarding CHEM 1200 policies may be announced and/or amended throughout the semester

You are responsible for being aware of all information announced in class and posted on Canvas, or sent via Canvas or email. In the event of an absence, it is your responsibility to complete that day's work *before you return to class* so as to not fall behind. Unless otherwise notified, the class will not be live-streamed nor recorded.

Due to the active learning and group work approach on which CHEM 1200 is based, **the more you participate, the more collaborative, supportive, successful and enjoyable an environment we can develop as a class!** You are asked to respect all members of our class by not speaking over anyone, and by giving everyone the opportunity to contribute. Should any personal or academic conflicts arise, please notify the instructor to discuss a fair and appropriate path of resolution. It is your responsibility to maintain all electronic equipment required to submit assignments, where failure of technology may not necessarily qualify as an acceptable excuse for late work.

In order to limit distractions in the classroom, **cell phone usage will be strictly prohibited during class**, where any emergency calls or messages must be taken into the hallway.

Lastly, while I ask that students respond to any email outreach within approx. 24-48 hrs, I certainly do not expect that you focus on CHEM 1200 all hours of the week! In turn, it is requested that students likewise respect the time and boundaries of the professor and LAs, where **I, the course instructor, will be maintaining a work schedule of Monday through Friday until approximately 5 pm and will answer all correspondence received during this time within 24 hours**; messages received after this period will be answered within approximately 48 hours unless otherwise noted.

TIPS FOR SUCCESS IN CHEM 1200

In addition to in-class work, the following is a (non-exhaustive) list of resources available for CHEM 1200; additional resources can be found throughout this syllabus as well as on the homepage of our Canvas site.

Videos & Worksheets Rewatching videos and reworking class assignments is a great way to study, as your exams will look in some ways very similar to your class worksheets!

Textbook In addition to the assigned homework, the e-textbook and Mastering Chemistry offer additional problems and resources which can be accessed through the "*Bookshelf*" tab on Canvas. The relevant chapters of your textbook covered in class are listed beneath the title of each worksheet, where your textbook includes examples and questions for additional practice; the answers to select questions can be found at the end of the book.

Office Hours I strongly encourage each of you to make ample use of any and all instructor and Learning Assistant (LA) Office Hours if and when possible. Should you need to meet with me to discuss a personal (non-academic) matter, please email me to discuss options to ensure your privacy and confidentiality.

Fair Internet Use As discussed in the Student Code of Conduct (*separate document, available on Canvas*), submitting assignment problems to online tutoring resources or searching for solutions on websites and submitting the answers as your own work constitute a serious breach of academic integrity, where banned websites include, but are not limited to, CHEGG, CourseHero and ChatGPT*.

** The use of sites such as Wikipedia, YouTube, Khan Academy and similar is neither tracked nor prohibited by the University, although such external sources are not vetted by, or affiliated with, the U and I therefore cannot vouch for the authenticity of any material published on such websites.*

The Learning Center The Learning Center is a University-sponsored tutoring center staffed by qualified and experienced students, and is free to all enrolled U of U students. For more information on the Learning Center, see the homepage of our CHEM 1200 Canvas site.

Success Coaches The Student Success Coaches (SSCs) are a team of trained professionals who offer personal, academic and professional coaching to ensure that all University of Utah students are provided with the support and resources required to reach their goals. For more information on the SSCs, see the homepage of our CHEM 1200 Canvas site.

UNIVERSITY OF UTAH POLICIES

The Americans with Disabilities Act (ADA): The University of Utah seeks to provide equal access to its programs, services, and activities for people with disabilities. If you need accommodations in this class, reasonable prior notice needs to be given to the Center for Disability Services (<https://disability.utah.edu/students/qualify.php>) 162 Olpin Union Building, (801) 581-5020. CDS will work with you and the instructor to make arrangements for accommodations. All written information in this course can be made available in an alternative format with prior notification to the Center for Disability Services.

Campus Safety: The University of Utah values the safety of all campus community members. To report suspicious activity or to request a courtesy escort, please call Campus Police at 801-585-COPS (801-585-2677). You will receive important emergency alerts and safety messages regarding campus safety via text message. For more information regarding safety and to view available resources, including helpful videos, visit <https://safeu.utah.edu/>

Sexual Misconduct, Discrimination and Related Retaliation: The University of Utah is committed to fostering a positive and welcoming learning, working, and living environment. Sexual Misconduct, Discrimination and Retaliation are prohibited by University Policy. Faculty and staff have a responsibility to inform the Office of Equal Opportunity and Affirmative Action (OEO/AA) when made aware of incidents of sexual misconduct, discrimination, and related retaliation, to ensure that individuals impacted receive information about options for reporting and supportive resources. Incidents may come to the attention of faculty and staff in any way, including through face-to-face conversations, admissions or scholarship applications or essays, a written class assignment or paper, class discussion, email, text, or social media post. This obligation applies regardless of where or when an incident occurred, including if it occurred off campus and/or before they were a member of the campus community. Additional information can be found on the OEO website at <https://o eo.utah.edu/> or you may contact oeo@utah.edu or (801) 581-8365. If you wish to seek support confidentially, please contact the Victim-Survivor Advocates 801.581.7776 or advocate@sa.utah.edu

Addressing Sexual Misconduct: Title IX makes it clear that violence and harassment based on sex and gender (which includes sexual orientation and gender identity/expression) is a civil rights offense subject to the same kinds of accountability and the same kinds of support applied to offenses against other protected categories such as race, national origin, color, religion, age, status as a person with a disability, veteran's status or genetic information. If you or someone you know has been harassed or assaulted, you are encouraged to report it to the Title IX Coordinator (<https://sexualassault.utah.edu/reporting/title-ix-on-campus-reporting/>) in the Office of Equal Opportunity and Affirmative Action, 135 Park Building, (801) 581-8365, or to the Office of the Dean of Students (<https://deanofstudents.utah.edu/>), 270 Union Building, (801) 581-7066. For support and confidential consultation, contact the Center for Student Wellness (<https://wellness.utah.edu/>), SSB 328, (801) 581-7776. To report to the police, contact the Department of Public Safety, 801-585-COPS (801-585-2677).

Veterans Center: If you are a student veteran, the U of Utah has a Veterans Support Center located in Room 161 in the Olpin Union Building. Hours: M-F 8-5 pm; please visit their website for more information about what support they offer, a list of ongoing events and links to outside resources: <http://veteranscenter.utah.edu/>. Please also let me know if you need any additional support in this class for any reason.

English Language Learners: If you are an English language learner, please be aware of several resources on campus that will support you with your language and writing development. These resources include: the Writing Center (<http://writingcenter.utah.edu/>); the Writing Program (<http://writing-program.utah.edu/>); the English Language Institute (<http://continue.utah.edu/eli/>). Please let me know if there is any additional support you would like to discuss for this class.

Student Names and Personal Pronouns: Class rosters are provided to the instructor with the student's legal name as well as "Preferred first name" (if previously entered by you in the Student Profile section of your CIS account, which can be managed at any time). While CIS refers to this as merely a preference, I will honor you by referring to you with the name and pronoun that feels best for you in class or on assignments. Please advise me of any name or pronoun changes so I can help create a learning environment in which you, your name, and your pronoun are respected. If you need any assistance or support, please reach out to the LGBT Resource Center at <https://lgbt.utah.edu/>

Diversity and Inclusion: It is my intent that students from all diverse backgrounds and perspectives be well served by this course, that students' learning needs be addressed both in and out of class, and that the diversity that students bring to this class be viewed as a resource, strength and benefit. It is my intent to present materials and activities that are respectful of diversity: gender, sexuality, disability, age, socioeconomic status, ethnicity, race, and culture. Your suggestions are encouraged and appreciated. Please let me know ways to improve the effectiveness of the course for you personally or for other students or student groups. In addition, if any of our class meetings conflict with your religious events, please let me know so that we can make arrangements for you.

Undocumented Student Support: Immigration is a complex phenomenon with broad impact – those who are directly affected by it, as well as those who are indirectly affected by their relationships with family members, friends, and loved ones. If your immigration status presents obstacles to engaging in specific activities or fulfilling specific course criteria, confidential arrangements may be requested from the Dream Center. Arrangements with the Dream Center will not jeopardize your student status, your financial aid, or any other part of your residence. The Dream Center offers a wide range of resources to support undocumented students (with and without DACA) as well as students from mixed-status families. To learn more, please contact the Dream Center at (801) 213-3697 or visit <https://dream.utah.edu/>

Personal Health & Wellness: Personal concerns such as stress, anxiety, relationship difficulties, depression, cross-cultural differences, etc., can interfere with a student's ability to succeed and thrive at the University. For resources and assistance, contact the Center for Student Wellness at www.wellness.utah.edu or at (801) 581-7776, or the University of Utah Counseling Center at <https://counselingcenter.utah.edu/>

Campus Safety: The University of Utah values the safety of all campus community members. To report suspicious activity, call campus police at 801-585-COPS (801-585-2677). You will receive important emergency alerts and safety messages regarding campus safety via text message. For more information regarding safety and to view available training resources, including helpful videos, visit <https://safeu.utah.edu/>

Additional Resources: Additional resources may be available if needed; please contact me for information!

Disclaimer: The information presented in this syllabus is subject to change.