



UNIVERSITY OF NORTH TEXAS®

CHEM 1360.400 – Context of Chemistry for Science Nonmajors

Spring 2026

Instructor Contact Information

- **Name:** Dr. Sophie Kinyanjui
- **Office location:** Online via Zoom.
- **Drop-in Help/Office hours:** Mo: 9:00 – 10:00 AM and **by appointment** on We: 10:30 – 11:30 AM (Via Zoom: click on the “Zoom” icon on Canvas) - (please email me for appointment).
- **Email address:** Sophia.Kinyanjui@unt.edu

Communication expectations

My students' success is very important to me, so let me know how I can help you succeed this semester. The best way to reach me is by email at Sophia.Kinyanjui@unt.edu Please do not hesitate to contact me for assistance or clarification. I am always happy to help. I respond to email within 48 hours, except during holidays or when I am away. Grades will be posted in the Canvas grade book as soon as you complete your exam/assignments. Please keep track of your grades and let me know of any issues in the Canvas grade book. If you miss an assignment, Canvas does not enter any grade for you and therefore it will show the wrong grade until we input the zero. So, watch out for this and add the zeros to your grade calculations!

I also routinely communicate with the class as a whole through announcements in Canvas. Be sure to set up your Canvas page so that you receive push notifications of changes made to the page!

Course Description

3 hours. Fundamentals of chemistry for students who are not science majors. Applications of chemistry to its role in the world. Topics include historical and philosophical development of modern chemistry, the environment, energy, industrial and economic development, modern materials, and popular perspectives of chemistry. May not be counted toward a major or minor in chemistry. May be used to satisfy a portion of the Natural Sciences requirement of the University Core Curriculum.

Course Objectives:

At the completion of the course, students should be able to:

- Demonstrate that they have developed a comfortable knowledge of science so that they may become productive, creative, ethical, and engaged citizens.
- Use topics of current interest to illustrate chemical principles, and to demonstrate an appreciation of the importance of chemistry in the real world.
- Demonstrate the ability to relate chemical problems to everyday life. This will be accomplished through an essay on chemicals around the home.
- Read about science and technology with some degree of critical judgement. This is especially important since many scientific problems are complex and controversial.
- Demonstrate an understanding of the concepts of sustainability and green chemistry, by means of which scientists

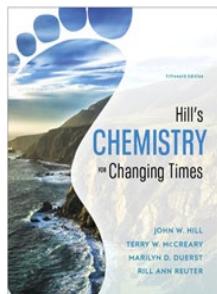
- seek better, safer and more environmentally friendly processes and products.
- Answer questions that illustrate a curiosity about science, an appreciation of chemistry as an open-ended experience, and create the passion to continue learning throughout their lives.
- Develop skills that are desirable in the workplace such as working together, basic civility, and consensus building. Demonstrate team-building skills through a teamwork project.

REQUIRED MATERIALS

Required Scientific Calculator:

- **YOU NEED A SCIENTIFIC CALCULATOR FOR THIS COURSE!**
- Technically ANY SCIENTIFIC CALCULATOR will work for this class. So, if you own any graphing calculator, you can use it. BUT if you don't have a calculator and you're looking to acquire a cheap one for this class, this TI-30X-IIS will be sufficient for this class. It costs approximately \$10.00 at Walmart, BestBuy or Office Depot. It's actually cheaper on Amazon!

(Your cell phone is NOT a calculator! The use of your cell phone during any exam is STRICTLY PROHIBITED)



1. REQUIRED Textbook:

An e-text is available as a bundle with the access code for the MyLab and Mastering online homework. You do not need to purchase a hard copy of the textbook unless this is your personal preference.

2. REQUIRED Access code for Pearson MyLab and Mastering for Online Homework and Quizzes. **YOU MUST PURCHASE THE ACCESS CODE ASAP!!**

You will access these online assignments **through Canvas** by clicking on the "Access Pearson" icon. The first time you click on it, it will prompt you to either purchase the access code or use the 14-day FREE temporary access. Choose whichever is applicable to you.

The cost of the e-text plus access code to Mylab Mastering is approximately \$65 when you purchase it through Canvas. I have bargained on your behalf for this discounted price. So please be sure to obtain the access codes through Canvas. You only get the discount if you go through Canvas!!! If you're charged more than \$65 for the package, please let me know before you purchase it. You should NOT pay that much for it!

****My Lab and Mastering online Homework and Quizzes have weekly due dates with NO extensions(!!). So, you must get started immediately by using the 14-day FREE temporary access. If you're still unable to purchase the access code after the FREE trial, please email me ASAP.**

My Teaching Philosophy – The importance of Goal setting

I believe that You can “do” chemistry, regardless of what you may have heard before. I find chemistry endlessly interesting and my goal in this course is to introduce you to some of that fascination. I want you to learn the foundations of chemistry and how it is so closely related to all the comforts and conveniences of modern living, from your bathroom to your kitchen, from food and medicines, to colognes, air fresheners, paints, and bug sprays. These are all chemicals that are found in your house. I want to show you how much chemistry you utilize daily, and hope that you can pass on the wisdom you acquire in this class to your friends and families to make the world a safer place to live in, one person at a time. I have tried to ensure that the material on this course is presented in several different ways, from reading to videos to interactive simulations. I want you to *think* about the material and learn how to apply this basic scientific knowledge you are gaining to solve everyday life problems. I do not want you to simply memorize and regurgitate information on exams.

Goal setting is a very important step in ensuring your success in any undertaking. I would like you to pause here and think about the grade you want to make in this class and in your other courses that you are taking this semester. Many of my students want to make A grades in all their classes. Some want to make B's and a few just want to survive and therefore consider a C sufficient for their purposes. I make no judgment about what you have chosen for yourself. My job is to support you in achieving your goal. So, I would like you to be very honest with yourself and write down the grades you want to make in your classes on a plain piece of paper.

Now set your second goal which is to work diligently towards achieving the first goal throughout this semester. In fact, go ahead and write the grades on more pieces of paper and stick them to the fridge, to the bathroom mirror, on your desk, even make the letter grades your screen saver on your cell phone and on your computer. Let everything around you remind you of your goal, and purpose to walk towards this goal every moment of the semester. If you find yourself playing a computer game, or doing something random, simply ask yourself, “Is this taking me towards my goal?” If it is not, just gently turn from it and continue walking towards your goal. Practice this every day without fail and I can assure you that whatever you focus your mind on will definitely become manifest in your reality.

So, what is the best strategy that has proven to ensure success in this class? I can tell you it is groupwork. I know that many of you do not like talking to anyone, let alone trying to study with them. Nevertheless, you will find that the material covered in this class is so much, and it can get quite confusing and overwhelming. Besides, there are concepts that you must recall exactly in order to help you solve problems involving new concepts. This is why teamwork is so important. Besides giving you a variety of perspectives on difficult concepts which will help you remember them more easily, you get an opportunity to explain the concepts that you have already internalized to your peers which helps to cement them in your mind. If you can articulate a concept so well that someone else understands it, that is clear evidence that you understand it. So, teamwork helps you practice what you already know by giving you an opportunity to teach it to others. And teaching is the best way to learn. I honestly cannot overemphasize the significance of groupwork and study groups in any science course. It is almost impossible to succeed in college courses without leaning on other classmates. So, please make it a priority to join a study group, or create one ASAP.

You see, I believe in you. I believe that you can achieve any goal that you set your sights on as long as you keep walking towards it without getting overly distracted. I would like you now to believe in yourself and focus on achieving your goals for this semester. Tell yourself that you can do it. Remind yourself every day that you can do it. Do not let anyone tell you that you cannot do it. If they do, just tell them, “Just watch me, and I will show you!” Remember. All you have to do is to keep thinking about your goals every moment and simply keep walking/working towards them. You do not have to struggle. You just keep working. You just need to keep working on every assignment, keep up with every reading and every homework assignment on a daily basis. If you get

distracted for a moment, that is ok. Just notice it, gently turn from it, and keep working on the course materials.

A 16-week semester is such a short time. Before you know it, the semester will be over. And..... You will have either achieved your goal..... or not. It entirely depends on you and the decisions you make. Most importantly, believe in yourself.

I suggest that you write yourself a weekly schedule for all your classes, including all the required face-to-face class times, study time, any upcoming assignments, and things of that nature. Do not forget to schedule yourself time to eat, sleep, and to do whatever else you need to stay healthy!

Then set your intention to succeed. You can do it!

TEAMWORK PROJECT INFORMATION

You will work with other students in your class on a teamwork project whose instructions are posted to Canvas. **The teamwork project accounts for 10 % of your final grade**, so you must make sure to take this assignment very seriously.

Teamwork means pulling together towards a common goal. Working individually then adding up the pieces to make one whole does not constitute “Teamwork”, and often the ideas will appear disjointed and haphazard. You will lose points for working individually on this Teamwork project! Thus, you must work together to harmonize the individual contributions into comprehensive reports. Communicating efficiently, and meeting with your group members regularly helps to ensure that all the tasks are completed and turned in in a timely fashion. Research has shown that effective communication is key to the success of any team effort.

The Teamwork Project and Essay Assignment information are in separate documents on Canvas. You MUST read both sets of instructions carefully so that you understand what is expected of you and be sure to submit each in a timely fashion, as it constitutes a big chunk of your final grade!

Here's a screenshot showing you where the Teamwork Project information is located in Canvas.

The screenshot shows the University of North Texas (UNT) Canvas interface for the Spring 2023 1 term. The left sidebar contains various course links: Home, Announcements, Modules, Syllabus, Zoom, Quizzes, MyLab and Mastering, LockDown Browser, Assignments, Grades, People, Office 365, and Microsoft OneDrive. The main content area displays a list of course sections. The 'IMPORTANT QUIZ' section contains a quiz titled 'Start Here Confirmation Quiz- Requires Respondus LockDown Browser' due on Jan 24 for 10 pts. The 'Teamwork Project and Essay Information' section, which is circled in red, contains two files: 'Teamwork Project Information.pdf' and 'Essay Information.pdf'. The 'Learning Objectives and Study Guide' section is also visible at the bottom.

You must get started on the Teamwork project ASAP by establishing contact with your team members.

Before class started, the class had already been divided into Teamwork Project Groups. To find your group, go to Canvas and click on the “People” icon on the left dropdown menu. Then click on Teamwork Project Groups and scroll down to find your name and your Group. Visit the Group homepage. You can then click on the “Announcements” tab and post a message introducing yourself, give your contact information and ask your team members to get in touch with you. You could also use the “People” tab in the left menu to find the emails of the team members.

This will be your task for the first week of school. You will need to establish contact with your team members, begin communication and schedule your First meeting which will earn you 5 extra points.

ASSESSMENT & GRADING

Grading Summary:

Total Points Possible for Semester/Grading Scale = 1000

1000-900 = A	699-600 = D
899-800 = B	599-500 = F
799-700 = C	

Assignment	Points Possible	Percentage of Final Grade
4 Mid-term Exams (100 points each)	300 points	30% (1 exam dropped)
Final Exam	200 points	20%
Lecture Quizzes	120 points	12%
Teamwork Assessment	100 points	10%
Essay	60 points	6%
MyLab Homework and Quizzes	220 points	22%
Total Points Possible	1000 points	100%

Lecture Quizzes (12% of course grade): Recorded Zoom Lectures will be posted for you to watch every week. A pay attention lecture quiz will be posted for each lecture which will be graded in Canvas for correctness. The quiz questions will be drawn directly from the lecture material, so you must watch the lecture before attempting the quiz. There will be 2 quizzes per week. The first will be due on Thursday and the other on Sunday. Each quiz will have 2 attempts and must be completed either on the due date, or 2 days before the corresponding exam. You can view your answers 2 days before the corresponding midterm exam in Canvas.

Teamwork Project (10% of course grade): This class has a Teamwork project grade that must be completed in groups. Since it is a Teamwork project, **you CANNOT complete any part of it individually**. The teams will be formed at the beginning of the semester, and you will have tasks that the team needs to complete each week (except on exam weeks) for about 9 weeks. At the end of the project, each team member will provide feedback on how well the whole team operated as a unit and grade each team member on their level of preparation, active engagement, participation, and collaboration efforts in completing the assigned Tasks in a timely fashion. This will account for 5% of your total grade. The other 5% will be the instructor's review of the completed tasks.

MyLab and Mastering online Homework (11% of course grade): Online homework has been assigned on the MyLab & Mastering® platform. The Homework assignments will be weighted at 110 points. The lowest homework grade will be

dropped. Homework total grade will be based on the total percent accumulated divided by the maximum total percent of all homework assignments.

MyLab and Mastering Quizzes (11% of course grade): Online quizzes have been assigned on the MyLab & Mastering® platform. The Quizzes will also be weighted at 110 points, and the lowest quiz grade will be dropped. There will be no make-up quizzes. Quiz total grade will be based on the total points accumulated divided by the maximum total points for all quizzes. Quizzes will be based on the homework questions and the material covered in the lectures.

Essay (6% of course grade): You will turn in one essay on Canvas (Instructions on a separate document in Canvas).

Mid-term Exams (30% of course grade): FOUR mid-term exams will be given during the semester. Each exam will consist of a mixture of multiple-choice and short answer questions and will be closed book. **Each exam will be administered online on CANVAS (more details will be provided in an announcement)** during the time window given in the syllabus. **Missing an exam for ANY REASON will result in a score of zero. NO makeup exam is given for ANY reason!!** Since you have a 24-hour window to complete each exam, NO REASON is acceptable for missing any exam. If you feel that you have a valid reason, you MUST email me within several days **BEFORE** the exam, NOT afterwards. If you happen to be in the Emergency Room all day on the day of the test, you must report this to the Dean of student's office, and the Dean of Students will email me with the information. I will then make a decision on what to do.

Any other reason, such as a technical issue with your computer, LockDown Browser, or Wi-Fi must be reported immediately. ALL technical issues can be resolved by contacting the UIT Student Help Desk first. This is your first line of defense. Contact them before you contact me! If the matter is NOT resolved, then you must email me a screenshot of what you see on your end as soon as you encounter the problem; NOT 1 or 2 days later.

The lowest midterm grade will be dropped.

Here's the UIT Help Desk information:

UIT Help Desk: <http://www.unt.edu/helpdesk/index.htm>

The University of North Texas provides student technical support in the use of Canvas and supported resources. The student help desk may be reached at:

Email: helpdesk@unt.edu

Phone: 940.565-2324

In Person: Sage Hall, Room 130

Final Exam (20 % of course grade): a closed-book comprehensive exam which consists of all the material covered in the class during the entire semester and is mandatory. Missing the final exam will result in a score of zero and an overall F grade for failing to complete the course. **This course is NOT complete without the Final exam grade.**

Examination Policy

- All exams will be completed online via Canvas.
- All exams will require the “LockDown Browser with webcam.” The student can also go to the Testing Center at the Main Campus in Denton at the Sage Hall Testing Center (Room C331, third floor, across the hall from the elevator). You must reserve a spot at the Testing Center ahead of time. They don’t allow walk-ins!!

- **REMEMBER: Chromebooks DO NOT support the Respondus LockDown Browser.** If all you have is a Chromebook, you MUST contact Sage Hall or Willis Library ASAP about either checking out a laptop or getting remote access to a desktop for your exams, or even throughout the semester.
- All Exams will **ONLY have ONE** attempt and will be timed.

Late Work

Late work, homework, quizzes, and exams will not be accepted beyond the deadlines. The lowest MyLab Mastering homework and quiz assignment will be dropped at the end of the semester. Therefore, missing one assignment due to a death in the family, illness, or other extenuating circumstances will NOT adversely affect your grade. There will be no makeup exams for missed exams. If you miss a midterm exam due to an excusable absence such as death in the family, COVID or any other valid reason, then you will get a zero for that exam, and it automatically becomes your drop exam. If you have extremely extenuating circumstances or any problem that may lead to missing an assignment or an exam, you must contact the Dean of Students First.

Some very limited concessions will be provided as per the advice of the office of the Dean of Students due to COVID issues and other matters that are traditionally arbitrated by the Dean of Students. So, if you have any COVID related issues, religious holidays, or family, mental or emotional issues, you MUST report them FIRST to the Dean of Students' office, then to the instructor.

ACADEMIC INTEGRITY POLICY

Policy Statement (UNT Policy 06.003)

The University of North Texas promotes the integrity of learning and embraces the core values of trust and honesty. Academic integrity is based on educational principles and procedures that protect the rights of all participants in the educational process and validate the legitimacy of degrees awarded by the University. In the investigation and resolution of allegations of student academic dishonesty, the University's actions are intended to be corrective, educationally sound, fundamentally fair, and based on reliable evidence.

Academic Integrity Standards and Consequences.

According to UNT Policy 06.003, Student Academic Integrity, academic dishonesty occurs when students engage in behaviors including, but not limited to cheating, fabrication, facilitating academic dishonesty, forgery, plagiarism, and sabotage. A finding of academic dishonesty may result in a range of academic penalties or sanctions ranging from admonition to expulsion from the University. [Insert specific sanction or academic penalty for specific academic integrity violation.

Academic dishonesty and/or cheating will not be tolerated, and an automatic grade of "F" (zero grade) will be given for that particular assignment or test. Additionally, the incident will be reported to the Dean of Students, and to the Academic Integrity Office who may impose further penalty. The term "cheating" includes, but is not limited to

- (a) The use of any unauthorized assistance when taking exams, such as class notes, talking to another student, using cell phones, tablets, smart watches, or any other electronic gadget.
- (b) Acquisition, without permission, of tests, notes, or other academic material belonging to a faculty member

of the University.

- (c) Copying whole sentences or paragraphs from published articles and pasting these into your essay that you turn in for a grade. *Other people's words are their intellectual property; you must not copy them verbatim without paraphrasing in your own words (not just rearranging other people's words).*
- (d) Any other action that is designed to give a student an unfair advantage.

For more information the full UNT policy: [06.003 Student Academic Integrity.pdf](#)

Incomplete Grade

An incomplete grade is only given if the student meets the requirements set forth by the university. The incomplete for the course is only given during the last one-fourth of a semester and only if a student: (1) is passing the course; (2) has justifiable reason why the work cannot be completed on schedule; and (3) arranges with the instructor to finish the course at a later date by completing specific requirements that the instructor must list on the electronic grade roster. All work on the course must be completed within the specified time (not to exceed one year after taking the course.) For additional information visit the Office of the Registrar's website at <https://registrar.unt.edu/grades/incompletes>

Acceptable Student Behavior

Student behavior that interferes with an instructor's ability to conduct a class or other students' opportunity to learn is unacceptable and disruptive and will not be tolerated in any instructional forum at UNT. Students engaging in unacceptable behavior will be directed to leave the classroom and the instructor may refer the student to the Dean of Students to consider whether the student's conduct violated the Code of Student Conduct. The University's expectations for student conduct apply to all instructional forums, including University and electronic classroom, labs, discussion groups, field trips, etc. The Code of Student Conduct can be found at deanofstudents.unt.edu/conduct.

Rules of Engagement

Rules of engagement refer to the way students are expected to interact with each other and with their instructors. Here are some general guidelines:

- While the freedom to express yourself is a fundamental human right, any communication that utilizes cruel and derogatory language on the basis of race, color, national origin, religion, sex, sexual orientation, gender identity, gender expression, age, disability, genetic information, veteran status, or any other characteristic protected under applicable federal or state law will not be tolerated.
- Treat your instructor and classmates with respect in any communication online or face-to-face, even when their opinion differs from your own.
- Ask for and use the correct name and pronouns for your instructor and classmates.
- Speak from personal experiences. Use "I" statements to share thoughts and feelings. Try not to speak on behalf of groups or other individual's experiences.
- Use your critical thinking skills to challenge other people's ideas, instead of attacking individuals.
- Avoid using all caps while communicating digitally. This may be interpreted as "YELLING!"
- Be cautious when using humor or sarcasm in emails or discussion posts as tone can be difficult to interpret digitally.
- Avoid using "text-talk" unless explicitly permitted by your instructor.

- Proofread and fact-check your sources.
- Keep in mind that online posts can be permanent, so think first before you type.

See these [Engagement Guidelines](https://clear.unt.edu/online-communication-tips) (<https://clear.unt.edu/online-communication-tips>) for more

TENTATIVE COURSE CALENDAR:

The schedule is tentative and may be modified/updated at the discretion of the instructor.

The course material has been split up for you into “bite sizes” that are assigned to certain days. This is to help keep you on track. You don’t have to follow my guidelines, as long as you keep yourself on track.

Date	Section	Topics
Date Week 1 Jan 12 – Jan 18	•••	<p>Login to Canvas; READ: Meet Your Professor; Syllabus; Online Assignment information, Purchase Access code for e-text and MyLab Mastering; The Basics for Students New to Canvas; Getting Help; Technical Requirements and Skills; Download and Install LockDown Browser. Take the “Respondus LockDown Browser Practice Quiz- Requires Respondus LockDown Browser” within the first week of school. Read the Instructions for the Teamwork Project.</p> <p>**IMPORTANT** Chromebook does not support the Respondus LockDOWN Browser!!! If you only have a Chromebook, please consider checking out a Laptop from Sage Hall or Willis Library for your Exams.</p>
	Chapter 1: 1.1 & 1.2	A science for all seasons: Science and Technology: The roots of knowledge; Characteristics of Science: Reproducible, Tentative, Testable, Predictive, Explanatory;
	1.3 to 1.5	Communicate with your Teamwork Project members by the end of this week!!. Science and Technology: Risks and Benefits; Scientific Research; Chemistry: A Study of Matter and Its Changes
Introduction to My Lab and Mastering Chemistry due on 01/20/26		
Week 2 Jan 20 - Jan 25	1.6, 1.7 &1.8	Classification of Matter; The Measurement of Matter; Density
	1.8, 1.9 & 1.10	Energy: Heat and Temperature; Critical Thinking; Green Chemistry: Reimagining Chemistry for a Sustainable World
	Chapter 2: 2.1 and 2.2	Atoms: Are they for real? Ideas from the Ancient Greeks; Scientific Laws: Conservation of Mass and Definite Proportions <u>I Have a Zoom meeting with your Team and elect a team leader by 1/25/26 11:59 pm. YOU GET 5 extra Credit points for meeting with your Team, OR negative 5 points (-5 points!!) for failing to either communicate or show up!</u>

Chapter 1 homework and quiz due on 01/27/26		
Week 3 Jan 26 - Feb 1	2.3 & 2.4	John Dalton and the Atomic Theory of Matter; The Mole and Molar mass
	2.5 and 2.6	Mendeleev and the Periodic Table Atoms and Molecules; Recycling; Green Chemistry essay: It's Elemental
	Chapter 3 3.1	Atomic Structure: Images of the invisible; Electricity and the atom <i>[Teamwork: Task #1 due 02/1/26 at 11:59 pm]</i>
Chapter 2 homework and quiz due on 02/03/26		
Week 4 Feb 2 – Feb 8	3.2 to 3.4	Serendipity in Science: X-rays and Radioactivity; Three Types of Radioactivity; Rutherford's Experiment: The Nuclear Model of the Atom
	3.5 to 3.6 (Skip 3.7 & 3.8)	The Atomic Nucleus; Elements and Isotopes; Green Chemistry essay: Clean Energy from Solar Fuels
Chapter 3 homework and quiz due on 02/10/26		
Friday, Feb 6 (12:00 am – 11:59 pm) EXAM 1 window Covers Chapter 1, 2, & 3		
Week 5 Feb 9 – Feb 15	Chapter 5 5.1	Chemical Accounting: Chemical Sentences, Balancing Chemical Equations
	5.2 & 5.3	Volume Relationships in Chemical Equations; Avogadro's Number and the Mole
	5.4	Molar Mass: Mole-Mass and Mass-Mole Conversions <i>(Skip Mass Relationships in Chemical Equations on page 155-156)</i> <i>[Teamwork: Task #2 due 02/15/26 at 11:59 pm]</i>
Week 6 Feb 16 – Feb 22	5.5	Solutions: Solution Concentrations and Molarity. Green Chemistry essay: Atom Economy <i>Skip Percent Concentrations on page 159 – 160</i>
	Chapter 7 7.1	Acids and Bases: Please pass the protons; Experimental Definitions;
	7.2 & 7.3	Acids, Bases and Salts; Acidic and Basic Anhydrides <i>[Teamwork: Task #3 due: 02/22/26 at 11:59 pm]</i>
Chapter 5 homework and quiz due on 02/24/26		
Week 7 Feb 23 –	7.4 & 7.5	Strong and Weak Acids and Bases; Acid- Base Neutralization

Mar 1	7.6 and 7.8 (Skip 7.7)	-The pH Scale - Acids and Bases in Industry and in daily Life; Why Doesn't Stomach Acid Dissolve the Stomach? Acid Rain; Green Chemistry: Acids and Bases – Greener Alternatives
	Chapter 20 20.1 & 20.2	Household Chemicals: Chemicals in your home; Cleaning with Soap; Synthetic Detergents <i>[Teamwork: Task #4 due: 03/1/26 at 11:59 pm]</i>
Chapter 7 homework and quiz due on 03/3/26		
Week 8 Mar 2 – Mar 8	20.3 & 20.4	Laundry Auxiliaries: Softeners and Bleaches; All-Purpose and Special-Purpose Cleaning Products
	20.5 & 20.6	Solvents, Paints, and Waxes: Cosmetics: Personal-Care Chemicals: Green Chemistry: Practicing Green chemistry at Home
Friday, Mar 6 (12:00 am – 11:59 pm) EXAM 2 window Covers Chapters 7, 5 & 20		
March 9 -15 --- SPRING BREAK – NO CLASSES		
Week 9 Mar 16 – Mar 22	Chapter 18 18.1 & 18.2	[NOTE: In this Chapter, please DO NOT worry about memorizing the formulas of the Drugs. You just need to have a general overview of commonly used drugs and how they work – NOT their formulas!] Drugs from Nature and the Laboratory; Pain Relievers: from Aspirin to Oxycodone
	18.3 - 18.5	Drugs and Infectious Diseases; Chemicals against Cancer; Hormones: The Regulators <i>[Teamwork: Task #5 due: 03/22/26 at 11:59 pm]</i>
Chapter 20 homework and quiz due on 03/24/26		
Week 10 Mar 23- Mar 29	18.6 &18.7	Drugs for the Heart; and Drugs and the Mind
	18.8	Drugs and the Society: Green Chemistry: Green Pharmaceutical Production
	Chapter 21 21.1 & 21.2	Poisons: Toxicology, and natural Poisons; Poisons and How They Act Essay Due: Chemicals in and Around the Home Due on 03/29/26 at 11:59 pm
Chapter 18 homework and quiz due on 03/31/26		
Week 11 Mar 30 – Apr 5	21.3 & 21.4	More Chemistry of the Nervous System; The Lethal Dose, LD ₅₀
	21.5, 21.6 &21.7	The Liver as the detox Facility; Carcinogens and Teratogens: Hazardous Wastes; Green Chemistry: Designing Safer chemicals with Green Chemistry

Friday April 3 (12:am – 11:59 pm) [EXAM 3 window Chapter 18 & 21
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Chapter 21 homework and quiz due on 04/07/26

Week 12 Apr 6 – Apr 12	Chapter 16 16.2 & 16.3	Carbohydrates; A Storehouse of Energy; Carbohydrates in the Diet
	16.4, 16.5, & 16.8	Fats and Other Lipids; Fats and Cholesterol; Proteins in the Diet <i>[Teamwork Individual Survey Due on 04/12/26 by 11:59 pm]</i>
Week 13 Apr 13 – Apr 19	Chapter 17 17.1, 17.2, & 17.3	The chemistry of Wellness, Food, Nutrition, Exercise and Fitness; Calories: Quantity and Quality; Minerals; Vitamins
	17.4 & 17.5	Fiber, Electrolytes, and Water; Food Additives <i>[Self-Reflection Review of Teamwork Project due 04/19/26 by 11:59 pm]</i>

Chapter 16 homework and quiz due on 04/14/26

Week 14 Apr 20 – Apr 26	17.6 & 17.7	Starvation, Fasting, and Malnutrition; Weight loss, Diet and Exercise
	17.8	Fitness and Muscle; Green chemistry: The Future of Food Waste- A Green Chemistry Perspective

Chapter 17 homework and quiz due on 04/28/26

Week 15 Apr 27 – May 3	Study	Scheduled Study Time to prepare for Exam 4 as well as the Final Exam.

Wednesday Apr 29 (12:am – 11:59 pm) EXAM 4 window Chapter 16 & 17
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This is a good checkpoint to Review ALL Chapters in preparation for Final Exam

Monday MAY 4 (12:AM – 11:59 PM) COMPREHENSIVE FINAL EXAM WINDOW
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COURSE POLICIES

Online Homework and Quizzes Policy – MyLab and Mastering

All assignments (homework and quizzes) will be completed on the Pearson MyLab and Mastering. To access the online assignments, students must login to CANVAS and click on “Access Pearson” to purchase the access codes as shown below:

The screenshot shows the Canvas course navigation menu for CHEM 1360.400 (7259). The sidebar on the left includes links for Account, dashboard, Courses, Calendar (with 89 items), Inbox, History, and Commons. The main menu shows 'Spring 2025 1' with 'Home', 'Announcements', 'Modules', 'Syllabus', 'Quizzes', and 'Access Pearson' (which is circled in red). The 'Modules' section is expanded, showing 'Meet your Instructor', 'Meet Your Professor', and 'CHEM 1360 Dr. Kinyanjui's Zoom Introduction and Short'. The 'Quizzes' section is also expanded, showing 'FREE Class Text PDF - Download it to your device' and 'Hills Chemistry for Changing Times 15e By John W. Hill'.

Due dates are on the syllabus schedule and are also available when you log on to the “MyLab and Mastering”

The University is committed to providing a reliable internet access system to all users. However, in the event of any unexpected server outage or any unusual technical difficulty which prevents students from completing a time sensitive assessment activity, the instructor will extend the time windows and provide an appropriate accommodation based on the situation. Students should immediately report any problems to the instructor and immediately contact the UNT Student Help Desk: helpdesk@unt.edu or 940.565.2324. The instructor and the UNT Student Help Desk will work with the students to resolve any issues at the earliest possible time.

Student Registration Instructions for Canvas

First, enter your Canvas course

1. Sign in to Canvas (<https://unt.instructure.com/>) and enter your Canvas course.
2. Do one of the following:
 - Select a Access Pearson link in the Course Navigation. Next, select OpenMyLab and Mastering or a content link.

Next, follow the prompts to either purchase the access code or select the Temporary 14-day access if you don't have money right now.

Select an access option:

- Buy access using a credit card or PayPal.
- Get temporary access.
- From the You're Done page, select Go to My Courses.

Note: We recommend you always enter your Mastering Chemistry course through Canvas.

HOW TO SUCCEED IN THIS COURSE

To succeed in this course, students must be self-motivated, dedicated, self-disciplined team-players that are willing to learn, and to keep up with the reading schedule, homework and quizzes deadlines.

The key to success is working consistently on the course material throughout the semester and accessing help promptly whenever it is needed. If you start to fall behind, be sure to get caught up ASAP.

Here are some steps to get you started:

1. Download and follow the “Chapter Objectives and Study Guide”
2. Complete the required sections as outlined in the syllabus which includes reading, completing exercises, watching videos and/or animations
3. Complete the following on CANVAS:
 - a. **Purchase access to the MyLab and Mastering access codes asap.**
 - b. Complete the homework assignments as you finish reading each section through MyLab and Mastering in a timely fashion
 - c. Exams must be completed online. The LockDown Browser with webcam is required to take all exams. Your webcam settings must show a bright and clear image of you, and you must angle the camera such that most of your torso is in view and as much of your desk as possible must also be visible. If we can't see what your hands are doing, we'll assume that you are cheating and report you for academic integrity violation. If you physically block the camera for any reason during the exam, you will get a zero in that exam and in addition you'll be reported for the violation of academic integrity. If a bear is passing behind you during the exam, we want to see it.
4. **Get Help!**
 - **Instructor's Drop-in Help/Office hours:** Mo: 9:00 – 10:00 AM and **by appointment on** We: 10:30 – 11:30 AM (Via Zoom: click on the “Zoom” icon on Canvas), - (please email me for appointment).
 - TA's: Office hours to be arranged
 - Chemistry Resource Center (CRC): FREE!!! Mon-Thurs. 8am-6pm, Fri 8am-3pm –staffed by Chemistry graduate students. For more information, visit:
<https://chemistry.unt.edu/undergraduate-program/instructional-resources>

Get your computer ready

For the best experience, check the system requirements for your product at

<https://www.pearsonmylabandmastering.com/system-requirements/>

Need help?

For help with Mastering Chemistry for Canvas, go to

https://help.pearsoncmg.com/integration/cg/canvas/student/en/content/get_started.htm

Pearson Accessibility Information: <https://www.pearson.com/us/accessibility.html>

LOCKDOWN BROWSER DOWNLOAD INSTRUCTIONS

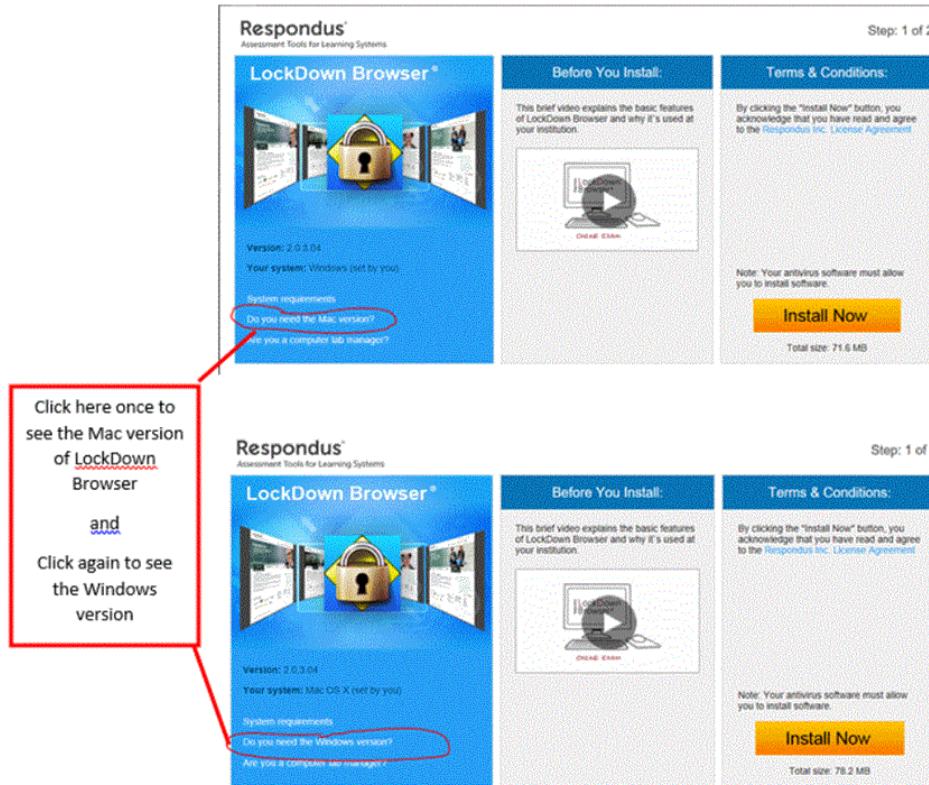
LockDown Browser is like any other browser; the only difference is that LockDown Browser will not let you open additional pages while you are working in Canvas.

Important:

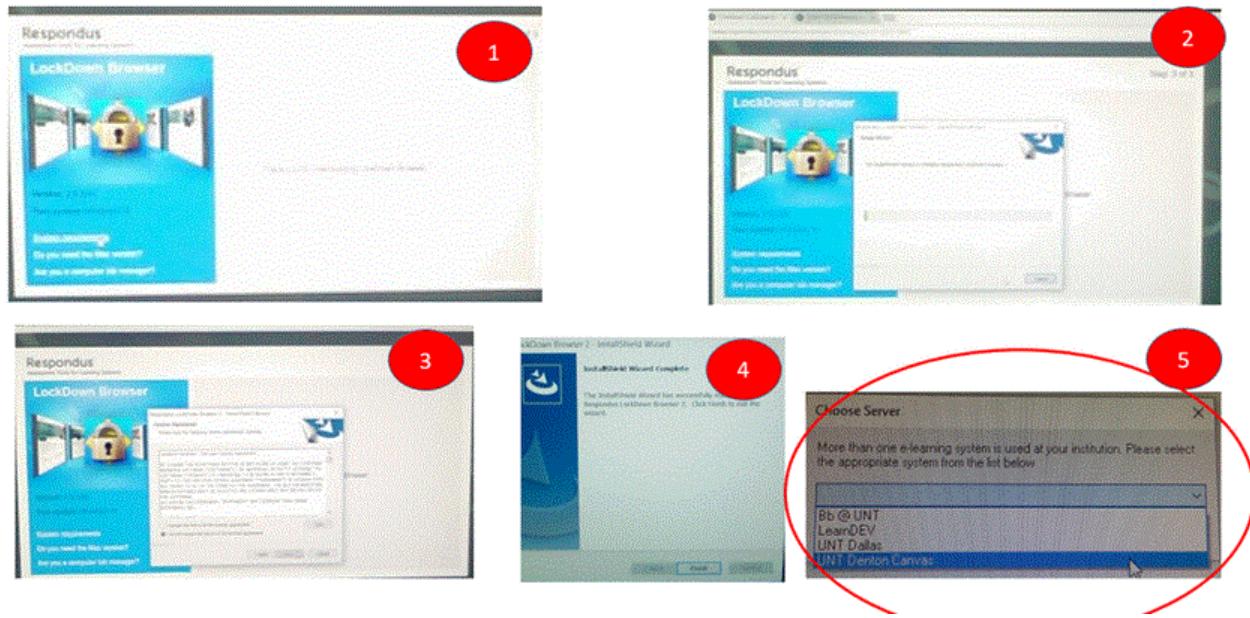
- **Please notice that LockDown Browser is not available for Chromebook.**
- The desktop computers at Willis Library do not have LockDown Browser, but they are good for working on assignments and discussions.
- Please use FireFox while you are working on your assignments and discussions.
- For Exam 1, Exam 2, Exam 3, Exam 4, and the final exam you need the LockDown Browser with webcam.
- The University has iPads available at Willis Library ready for check out. These devices have access to LockDown Browser and work perfectly for quizzes and exams.

Protocol to download LockDown Browser in your computer (Not Chromebook)

1. Before downloading LockDown Browser you will need to close all the pages and files you have open.
2. Open this link: <https://www.respondus.com/lockdown/download.php?ostype=2&id=165715487>
3. Download only the version that corresponds to your computer: Mac or Windows
4. Click where it says "Mac Version" and double click to see the "Windows version" (See image below)



5. Follow the installation as instructed by LockDown Browser.



6. You should have the lockDown Browser icon on your desktop now. Please open LockDown Browser and choose "UNT Denton Canvas"



TECHNICAL REQUIREMENTS/ASSISTANCE

UIT Help Desk: <http://www.unt.edu/helpdesk/index.htm>

Part of working in the online environment involves dealing with the inconveniences and frustration that can arise when technology breaks down or does not perform as expected. Here at UNT we have a Student Help Desk that you can contact for help with Canvas or other technology issues.

UIT Help Desk: [UIT Student Help Desk site](http://www.unt.edu/helpdesk/index.htm)

Email: helpdesk@unt.edu

Phone: 940-565-2324

In Person: Sage Hall, Room 130

Walk-In Availability: 8am-9pm

Telephone Availability:

- Sunday: noon-midnight
- Monday-Thursday: 8am-midnight
- Friday: 8am-8pm
- Saturday: 9am-5pm

Laptop Checkout: 8am-7pm

For additional support, visit [Canvas Technical Help](https://community.canvaslms.com/docs/DOC-10554-4212710328) (<https://community.canvaslms.com/docs/DOC-10554-4212710328>)

Student Academic Support Services

- [Academic Resources](#): where to buy textbooks and supplies, access academic catalogs and programs, register for classes, and more
- [Code of Student Conduct](#): provides Code of Student Conduct along with other useful links
- [Office of Disability Accommodation](#): exists to prevent discrimination based on disability and to help students reach a higher level of independence
- [Counseling and Testing Services](#): provides counseling services to the UNT community, as well as testing services; such as admissions testing, computer-based testing, career testing, and other tests
- [UNT Libraries](#): library services
- [UNT Learning Center](#): provides a variety of services, including tutoring, to enhance the student academic experience
- [UNT Writing Center](#): offers free writing tutoring to all UNT students, undergraduate and graduate
- [Succeed at UNT](#): information regarding how to be a successful student at UNT

Student Evaluation Administration Dates

Student feedback is important and an essential part of participation in this course. The student evaluation of instruction is a requirement for all organized classes at UNT. The survey will be made available during weeks 13, 14 and 15 [insert administration dates] of the long semesters to provide students with an opportunity to evaluate how this course is taught. Students will receive an email from "UNT SPOT Course Evaluations via IASystem Notification" (no-reply@iasystem.org) with the survey link. Students should look for the email in their UNT email inbox. Simply click on the link and complete the survey. Once students complete the survey they will receive a confirmation email that the survey has been submitted. For additional information, please visit the SPOT website at <http://spot.unt.edu/> or email spot@unt.edu.

UNT POLICIES

ADA Policy

UNT makes reasonable academic accommodation for students with disabilities. Students seeking accommodation must first register with the Office of Disability Accommodation (ODA) to verify their eligibility. If a disability is verified, the ODA will provide a student with an accommodation letter to be delivered to faculty to begin a private discussion regarding one's specific course needs. Students may request accommodations at any time, however, ODA notices of accommodation should be provided as early as possible in the semester to avoid any delay in implementation. Note that students must obtain a new letter of accommodation for every semester and must meet with each faculty member prior to implementation in each class. For additional information see the ODA website at disability.unt.edu.

Academic Support & Student Services

Student Support Services

Mental Health

UNT provides mental health resources to students to help ensure there are numerous outlets to turn to that wholeheartedly care for and are there for students in need, regardless of the nature of an issue or its severity. Listed below are several resources on campus that can support your academic success and mental well-being:

- [Student Health and Wellness Center](https://studentaffairs.unt.edu/student-health-and-wellness-center) (<https://studentaffairs.unt.edu/student-health-and-wellness-center>)
- [Counseling and Testing Services](https://studentaffairs.unt.edu/counseling-and-testing-services) (<https://studentaffairs.unt.edu/counseling-and-testing-services>)

- [UNT Care Team](https://studentaffairs.unt.edu/care) (<https://studentaffairs.unt.edu/care>)
- [UNT Psychiatric Services](https://studentaffairs.unt.edu/student-health-and-wellness-center/services/psychiatry) (<https://studentaffairs.unt.edu/student-health-and-wellness-center/services/psychiatry>)
- [Individual Counseling](https://studentaffairs.unt.edu/counseling-and-testing-services/services/individual-counseling) (<https://studentaffairs.unt.edu/counseling-and-testing-services/services/individual-counseling>)

Chosen Names

A chosen name is a name that a person goes by that may or may not match their legal name. If you have a chosen name that is different from your legal name and would like that to be used in class, please let the instructor know. Below is a list of resources for updating your chosen name at UNT.

- [UNT Records](#)
- [UNT ID Card](#)
- [UNT Email Address](#)
- [Legal Name](#)

**UNT eUIDs cannot be changed at this time. The collaborating offices are working on a process to make this option accessible to UNT community members.*

Pronouns

Pronouns (she/her, they/them, he/him, etc.) are a public way for people to address you, much like your name, and can be shared with a name when making an introduction, both virtually and in-person. Just as we ask and don't assume someone's name, we should also ask and not assume someone's pronouns.

You can [add your pronouns to your Canvas account](#) so that they follow your name when posting to discussion boards, submitting assignments, etc.

Below is a list of additional resources regarding pronouns and their usage:

- [What are pronouns and why are they important?](#)
- [How do I use pronouns?](#)
- [How do I share my pronouns?](#)
- [How do I ask for another person's pronouns?](#)
- [How do I correct myself or others when the wrong pronoun is used?](#)

Additional Student Support Services

- [Registrar](#) (<https://registrar.unt.edu/registration>)
- [Financial Aid](#) (<https://financialaid.unt.edu/>)
- [Student Legal Services](#) (<https://studentaffairs.unt.edu/student-legal-services>)
- [Career Center](#) (<https://studentaffairs.unt.edu/career-center>)
- [Multicultural Center](#) (<https://edo.unt.edu/multicultural-center>)
- [Counseling and Testing Services](#) (<https://studentaffairs.unt.edu/counseling-and-testing-services>)
- [Pride Alliance](#) (<https://edo.unt.edu/pridealliance>)
- [UNT Food Pantry](#) (<https://deanofstudents.unt.edu/resources/food-pantry>)

Academic Support Services

- [Academic Resource Center](#) (<https://clear.unt.edu/canvas/student-resources>)
- [Academic Success Center](#) (<https://success.unt.edu/asc>)
- [UNT Libraries](#) (<https://library.unt.edu/>)
- [Writing Lab](#) (<http://writingcenter.unt.edu/>)

These descriptions and timelines are subject to change at the discretion of the Professor.