College of Southern Nevada
CHM 103 – 4001 – Preparatory Chemistry
Grading Policy (Syllabus), Spring 2025

This course is taught through the Physical Science Department at the College of Southern Nevada (CSN). For more information about the department, visit the college's website: https://www.csn.edu.

Course Description

CHEM 103 is a one semester course that prepares students for CHEM 121 - General Chemistry I by introducing fundamental principles and terminology, with a focus on problem-solving skills. Students should have completed or be concurrently enrolled in MATH 126.

Instructor:	Dr. Drake
Office:	Henderson Campus, Building H-317T
Email:	Please use Canvas or the contact form on elementsulfur.com

Office Hours

<table>
<tr><th>Time</th><th>Monday</th><th>Tuesday</th><th>Wednesday</th><th>Thursday</th><th>Friday</th></tr>
<tr><td>9 – 10 AM</td><td rowspan="3">Meetings
Or
Off Campus</td><td rowspan="3">Meetings
Or
Off Campus</td><td rowspan="3">Chem 122
Laboratory
9:00 AM</td><td rowspan="3">Chem 121
Laboratory
9:00 AM</td><td rowspan="12">Meetings
Or
Off Campus</td></tr>
<tr><td>10 – 11 AM</td></tr>
<tr><td>11 AM – 12 PM</td></tr>
<tr><td>12 – 1 PM</td><td rowspan="2">Chem 122
Lecture
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<tr><td>1 – 2 PM</td></tr>
<tr><td>2 – 3 PM</td><td rowspan="2">Office Hours
2 – 4 PM
H Building
Room 317 T</td><td rowspan="4">Chem 121
Laboratory
2:30 PM</td><td rowspan="2">Office Hours
2 – 4 PM
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Room 317 T</td><td rowspan="3">Office Hours
2 – 4 PM
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Room 317 T</td></tr>
<tr><td>3 – 4 PM</td></tr>
<tr><td>4 – 5 PM</td><td rowspan="4">Meetings
Or
Off Campus</td><td rowspan="4">Meetings
Or
Off Campus</td></tr>
<tr><td>5 – 6 PM</td><td>Meetings</td></tr>
<tr><td>6 – 7 PM</td><td rowspan="2">CHEM 103
Lecture</td><td rowspan="2">CHEM 103
Lecture</td></tr>
<tr><td>7 – 8 PM</td></tr>
</table>

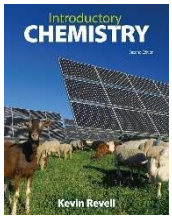
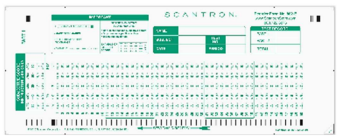
Course Format

This course meets on campus twice a week (T, R at 6:00 PM) for 1 hour and 20 minutes. Attendance is and participation in all aspects of the course, including lectures and lab, is expected for success. Class sessions will include lectures, while assigned homework, class project, and exams will assess students' comprehension of chemical concepts. Students are expected to read each chapter before it is covered in lecture to prepare for the course. Success in this class requires a strong work ethic, including individual study (reading and homework), active participation in class, and a proactive approach to learning, such as asking questions and helping peers understand the material.

The instructor reserves the right to change the contents of this syllabus with proper notification on Canvas.

Required Course Materials

Please refer to this document in lieu of any items listed in the bookstore. There are four required items for lecture in addition to standard college materials (e.g. paper, pencil/pen etc…). Prices are based on CSN Bookstore prices, cost can vary based on where you shop. Price does not include taxes and other incidentals.

Textbook: ($0 - 116)	 This course textbook assigned by the department is Introductory Chemistry 2nd ed. by Kevin Revell, MacMillan Learning. Assigned course reading will be selected from this textbook. Please see schedule to identify readings. Any additional instructor materials will be posted to the Canvas course shell. Please hold off on purchasing textbook until you meet the first day of class. This is to afford me the opportunity to save you some money from buying text from CSN bookstore.
Calculator: ($13.99)	 A non-programmable scientific calculator. I have provided my favorite calculator the (TI-30xa) and the one I will use in class. You cannot use your cell phone, smart technology, or graphing/programming (alpha numeric) calculator during any examination. This is to condition you in preparation for the ACS final you will take at the end of the semester.
Scantrons: ($1.84)	 You will need to bring four scantrons over the course of the semester for your regular exams this semester. If it doesn't run through my reader, it will be a zero. For your final I will provide a special answer form call a par score form courtesy of the department. Scantron Form 882-e.
Technology & Internet Access ($45.00)	aktiv Chemistry The course requires the completion of online homework. The student should have either mobile or computer access to complete their aktiv chemistry assignment. To purchase access please refer to coursework section to this syllabus.

Attendance

College enrollment assumes maturity, seriousness of purpose and self-discipline for meeting the responsibilities associated with the courses for which a student registers. Students are expected to attend each meeting of every course for which they have registered. Attendance is essential for normal progress in a college course. Under no circumstances will an absence, for any reason, excuse a student from completing assigned work in a given course. After an absence, it is the student's responsibility to check with the instructor about the possibility on completion of missed assignments. (Note: logging into the course remotely does not qualify as participation and will not be counted as meeting the attendance requirement.)

There may be unannounced extra credit assignments in class so please make every effort to show up.

Withdrawal (dropping)

Simply not showing up will not withdraw (drop) you from the course as the student must initiate this process. You may withdraw from the course typically up to the twelfth week. Please check the CSN for calendar drop deadline information and about how to withdrawal (drop) from the course.

Use of elementsulfur.com

Throughout this course, you are encouraged to utilize my personal website elementsulfur.com as a key resource for chemistry-related materials and support. A majority of the content posted on Canvas will also be available to you here, including teaching aids, practice problems, tutorials, and additional tools to help you succeed in this class. If you have questions about CSN's ACS student chapter, you can also find information and updates on the site. For assistance with coursework, accessing resources, or submitting special requests such as a letter of recommendation, please use the "Request Help" section. Be sure to explore the available materials regularly, as they are designed to complement your learning experience.

Course Learning Outcomes
Upon the completion of this course students should demonstrate:

Exam 1 – Chapters 1, 2, & 3

Chapter 1 – Foundations

- ☐ Describe the impact of chemistry on a variety of other fields.
- ☐ Describe the difference between composition and structure.
- ☐ Differentiate between elements, compounds, homogeneous mixtures, and heterogeneous mixtures.
- ☐ Describe the three phases of matter.
- ☐ Compare and contrast physical and chemical properties and physical and chemical changes.
- ☐ Define heat energy in terms of the motion of particles.
- ☐ Describe the relationship between the potential energy of a system and its potential for change.
- ☐ Describe the key components of the scientific method.
- ☐ Explain the differences between a hypothesis, a theory, and a scientific law.

Chapter 2 – Measurement

- ☐ Convert between standard and scientific notation, and solve multiplication and division problems involving scientific notation.
- ☐ Describe the quality of measurements using the terms accuracy and precision.
- ☐ Identify significant digits in a measured number, report measurements to an appropriate number of significant digits, and apply the rules for significant digits to simple calculations.
- ☐ Perform unit conversions using the factor-label method.
- ☐ Relate the density, mass, and volume of a substance.
- ☐ Convert between Celsius, Fahrenheit, and Kelvin temperature scales.

Chapter 3 – Atoms

- ☐ Describe the development of atomic theory and its key observations about atoms.
- ☐ Apply the law of conservation of mass to solve mass problems related to chemical reactions.
- ☐ Describe chemical changes using atomic theory.
- ☐ Describe the organization of the periodic table.
- ☐ Describe the behavior of charged particles.
- ☐ Describe how the discovery of the battery and Rutherford's gold foil experiment shaped our understanding of atomic structure.
- ☐ Describe the relative mass and charge of protons, neutrons, and electrons and their arrangement within an atom.
- ☐ Relate the number of protons to atomic number and the sum of nuclear particles to mass number.
- ☐ Describe the nuclear structure of isotopes and calculate average atomic mass from a distribution of isotopes and relative abundances.
- ☐ Differentiate between mass number and average atomic mass.
- ☐ Contrast the description of electrons in the Bohr model and the quantum mechanical model.
- ☐ Identify the overall charge of an atom or ion based on the number of protons and electrons.

Exam 2 – Chapters 4, 5, & 6

Chapter 4 – Light and Electronic Structure

- ☐ Qualitatively and quantitatively describe the relationships between the wavelength, frequency, and energy of electromagnetic radiation.
- ☐ Describe line spectra, the Bohr model, and how they are related.
- ☐ Describe the absorption or emission of light as a function of electron transitions.
- ☐ Describe Heisenberg's uncertainty principle and the wave nature of electrons.
- ☐ Identify the number of orbitals and the maximum electron capacity of the s, p, d, and f sublevels.
- ☐ Correlate each primary energy level with the available sublevels.
- ☐ Write electron configurations for atoms and ions, using either full notation or noble gas shorthand.
- ☐ Identify the inner, outer, and valence electrons in an atom or ion.
- ☐ Apply the octet rule to explain the exceptional stability of the noble gases.
- ☐ Use the periodic table to quickly identify the highest-occupied energy level and sublevel of an element.
- ☐ Use the periodic table to identify the number of valence electrons for main-group elements.

Chapter 5 – Chemical Bonds and Compounds

- ☐ Use the periodic table to identify the number of valence electrons in an atom.
- ☐ Represent valence electrons using Lewis's dot symbols.
- ☐ Describe and predict the formation of main-group ions using the octet rule.
- ☐ Identify common monatomic and polyatomic ions by name, symbol or formula, and charge.
- ☐ Predict ionic formulas based on cation and anion charges.
- ☐ Broadly describe the arrangement of ions in an ionic solid.
- ☐ Convert between the name and formula for an ionic compound.
- ☐ Describe how nonmetals fulfill the octet rule through covalent bonds.
- ☐ Differentiate between empirical and molecular formulas.
- ☐ Name binary covalent compounds.
- ☐ Distinguish ionic and covalent compounds based on their chemical formulas.
- ☐ Contrast the behavior of ionic compounds and covalent compounds in aqueous solutions.
- ☐ Describe the ionization of acids in aqueous solution.
- ☐ Name binary acids and oxyacids.

Chapter 6 – Chemical Reactions

- ☐ Write chemical equations to express the identity and ratio of species in a chemical change.
- ☐ Use a balanced equation to describe the ratio in which atoms or compounds react.
- ☐ Correctly balance an equation.
- ☐ Classify synthesis, decomposition, single-displacement, and double displacement reactions.
- ☐ Predict the products formed from the reaction of metals and nonmetals.
- ☐ Identify the species that are oxidized and reduced in a metal-nonmetal combination reaction.
- ☐ Predict the products formed from the combustion of metals and from the combustion of hydrocarbons.
- ☐ Apply the solubility rules to determine whether common ionic compounds are water soluble and predict the products of precipitation reactions.
- ☐ Predict the products of acid-base neutralization reactions.
- ☐ Describe precipitation and neutralization reactions using molecular, complete ionic, and net ionic equations.

Exam 3 – Chapter 7 & 8

Chapter 7 – Mass Stoichiometry

- ☐ Calculate the formula mass of a compound.
- ☐ Calculate the percent composition (by mass) of elements in a compound.
- ☐ Broadly describe how chemists measure formula mass and percent composition.
- ☐ Use the mole concept to relate masses on the atomic scale to masses on the laboratory scale.
- ☐ Convert between grams, moles, and atoms or molecules.
- ☐ Apply the mole concept to solve stoichiometry problems, relating the amounts of reagents and products in a chemical change.
- ☐ Identify the limiting and excess reagents in chemical reactions.
- ☐ Differentiate between theoretical, actual, and percent yields.
- ☐ Describe chemical and physical occurrences that can lead to an actual yield that is less than the theoretical yield.
- ☐ Using the theoretical and actual yields, correctly calculate the percent yield for a chemical reaction.

Chapter 8 – Energy

- ☐ Describe the relationships between heat, work, and total energy change.
- ☐ Describe the exchange of energy between the system and surroundings that accompanies a physical or chemical change.
- ☐ Explain the difference between heat and temperature.
- ☐ Use calorimetry measurements to determine energy changes.
- ☐ Apply the heat capacity or specific heat of a system to solve problems relating to heat energy and temperature.
- ☐ Use fuel values and reaction enthalpies to calculate the heat absorbed or released in a chemical reaction.

Exam 4 – Chapters 9 & 10

Chapter 9 – Covalent Bonding and Molecules

- ☐ Describe the electronic arrangements of covalent structures, including single, double, and triple covalent bonds, lone pairs, and filled and expanded octets.
- ☐ Draw Lewis structures for simple molecules.
- ☐ Calculate formal charge, and relate it to the overall charge of polyatomic ions.
- ☐ Draw Lewis structures for polyatomic ions.
- ☐ Use resonance structures to describe bonding and charge distribution.
- ☐ Apply the VSEPR model to predict the electronic and molecular geometry for molecules having two, three, or four charge sets.
- ☐ Describe the trends in electronegativity across the periodic table.
- ☐ Use differences in electronegativity to differentiate between covalent, polar covalent, and ionic bonds.
- ☐ Estimate molecular dipoles through the combination of polar covalent bonds and molecular shape.

Chapter 10 – Solids, Liquids, and Gases

- ☐ Describe the motion of particles in a solid, liquid, or gas.
- ☐ Describe the bonding and arrangement of particles in ionic, metallic, molecular, polymeric, and covalent-network substances.
- ☐ Describe the different types of intermolecular forces, and relate these differences to relative melting or boiling temperatures.
- ☐ Describe the key features of an ideal gas.
- ☐ Describe how to use a liquid barometer to determine pressure.
- ☐ Apply the combined gas laws to relate changes in the pressure, volume, and temperature of a gas.
- ☐ Relate the pressure, volume, number of moles, and temperature of a gas using the ideal gas law.
- ☐ Relate the temperature, volume, and pressure of a gas to atomic or molecular motion.
- ☐ Describe the motion of larger and smaller gas particles at a given temperature, and apply these concepts to the principles of diffusion and effusion.
- ☐ Apply the principles of stoichiometry to solve problems involving reactions
- ☐ of gases.

To prepare for you final review the content material and learning objectives from all ten chapters as the final is comprehensive.

Grading

I round all grades to the nearest whole percentage using the rounding rules taught in CHEM 103.

Final Letter Grades	Item	Points each	Number of items	Subtotal
A: 585–650 points (90–100%)				
B: 520–584 points (80–89%)	Exams	100	4	400
C: 455–519 points (70–79%)	Final	150	1	150
D: 390–454 points (60–69%)	Homework	25	4	100
F: Below 390 points (Below 60%)				
			Total	**650**

Coursework:

A. Exams

a. Progress Exams

Progress exams are a critical component of this course, designed to evaluate your understanding and application of the material. There will be four progress exams to monitor your performance at key points during the semester, contributing significantly to your final grade. Each progress exam will consist of 24 required questions: 20 multiple-choice questions worth 4 points each, and 4 calculation-based or long-form questions worth 5 points each. Only the calculation/long-form questions are eligible for partial credit. Extra credit can be earned on the exam; for more information, please see the extra credit section.

b. Final Exam

The final exam is cumulative and created by the department. It will consist of 54 questions. All but 4 questions are multiple choice. We will be providing a Parscore® answer sheet along with scrap paper as you CANNOT write on the exam. Points will be deducted if you do. You will need a number 2 pencil and a non-graphing calculator. You will be given additional time beyond a normal lecture to complete. Specific will be provide as the final approaches. The exam will start at the normal time at the date provided your course calendar. It cannot be taken at an alternative time or date because the course will have officially ended at that point. The date of the final exam is provided well in advance to ensure you can plan accordingly.

c. Reviewing Exams

Completed exams will not be handed back. However, you may review your graded exams during office hours or by scheduling an appointment. This ensures transparency while maintaining the integrity of exam materials.

d. Makeup and Replacement Exam Policy

Makeup exams are not offered except under extreme or specific circumstances. Personal travel, work obligations, weddings, graduations, traffic issues, or other unforeseen conflicts are not valid reasons for rescheduling or missing an exam. Protected students are encouraged to reach out to the DRC/Title IX office for assistance. This policy ensures fairness to all students by maintaining consistent expectations and avoiding disruptions to the course schedule.

If you miss an exam due to sudden illness or an emergency, the percentage earned on the final exam may replace one missed exam. This option is available only once and is intended for situations where

the reason for missing the exam is beyond your control. Any additional missed exams will result in a score of zero.

If you have a pre-scheduled conflict due to a college-sanctioned event, you may arrange to take an alternate exam before the scheduled date by providing official documentation from a college representative and finalizing arrangements at least three days in advance. Alternate exams must be taken in person and are not available after the scheduled date.

B. Finals

Information about the final exam has been thoroughly covered in Section A: Exams. Please refer to that section for details regarding the structure, policies, and importance of the final exam.

C. Online Homework Policy – Aktiv Chemistry

This course uses the Aktiv Chemistry platform for online homework assignments. Aktiv Chemistry provides an interactive environment to help you practice and master course concepts. Access to the platform requires a subscription, which must be purchased directly through Aktiv Chemistry's website. A 14-day grace period is available to ensure immediate access at the start of the course.

To Purchase Access for Aktiv Chemistry:

1. **Visit the Website:** Go to aktiv.com/login and create a new account or log in if you're a returning user.
2. **Verify Your Email:** Check your inbox for a verification email and confirm your account.
3. **Join the Course:** On your account page, click "Join Course" and enter the course code (available on Canvas).
4. **Activate Your Course:** Use the payment grace period to explore the course, then click "Activate Now" to purchase access online or redeem a code from the bookstore.
5. **Download the App:** Get the Aktiv Learning app from the App Store or Google Play Store and log in with your credentials.
6. **Start Learning:** Begin completing the activities assigned by your instructor.

For help, contact Aktiv support at **support@aktiv.com** or call **646-798-5323** during business hours.

The goal of online homework is to give you practice with the material. While you may consult resources for guidance, copying answers from external sources, such as solution-sharing platforms (e.g., Chegg) or AI tools (e.g., ChatGPT), is a violation of academic integrity which is an expellable offence and will leave you unprepared for exams. Cheating not only undermines your learning but can also leave you unprepared for quizzes, exams, and future coursework.

Homework assignments are an essential part of your grade and are designed to reinforce material covered in class. Homework assignments are listed in the course schedule, and selected problems will be graded for credit. Each set of chapter assignments is due on the exam date for those chapters. For example, homework for chapters 1–3 is due as a packet on the day of Exam 1. Late submissions are not accepted.

If you have concerns about accessing or using Aktiv Chemistry, or if you encounter challenges with the material, please contact me for assistance. My goal is to help you succeed while maintaining fairness and integrity for all students.

Final Grade Policy

At the end of the semester, I will review all submitted work a second time to ensure students receive as many points as possible for their efforts. However, once you complete your final exam, no additional work will be accepted, regardless of the reason or excuse. Please refrain from contacting me about adjusting your final grade, as grades are determined by your performance in exceeding the necessary points - not by simply getting close to the threshold.

Throughout the semester, you had the opportunity to earn up to 50 points (7.6 %) in extra credit. If you did not take advantage of this, it is now too late to make up the difference. If you believe you have been graded unfairly, you are welcome to file a formal grade grievance through the appropriate channels.

If you are reading this at the start of the semester, I wish you all the best as you embark on this journey. Commit to staying on top of your work, and take advantage of every opportunity to succeed.
If you are reading this at the end of the semester, I have truly enjoyed having you in this class and wish you all the best in your future endeavors.

Either way thank you for being part of this course, and I hope you carry forward the knowledge and skills you've gained here into your life and career.

Letter of Recommendation Policy

If you would like me to write a letter of recommendation, please visit elementsulfur.com and navigate to the "Request Help" section. Click on "Request Recommendation Letter" and follow the instructions provided on the site. Please ensure that you submit all required information and allow at least two weeks for completion if I agree to write your letter. Submissions that do not follow the outlined process or lack adequate preparation may not be considered.

Extra Credit in CHEM 103

In CHEM 103, extra credit opportunities are here to support your learning and help you succeed. These activities are designed to encourage curiosity, active engagement, and thoughtful reflection on the material we cover in class. Think of them as a chance to deepen your understanding, connect with your peers, and explore the real-world impact of chemistry. While not required, these opportunities can make a meaningful difference in your journey through this course. We're here to help you every step of the way - so take advantage of these moments to grow and shine!

1. Attendance and Participation in Class
    - Regular attendance and active participation in class discussions and activities can earn you extra credit.
    - Participation is assessed based on engagement, asking thoughtful questions, and contributing to group discussions.
        - Points: Up to 10 points for consistent attendance and active participation throughout the semester.

2. Join and actively participate in the CSN ACS Student Chapter.
    - Online Participation: Post chemistry-related questions, comments, or resources on the ACS Discord server: https://discord.gg/4S49EexNRU.
    - In-Person Events: Attend in-person ACS chapter meetings or events.
        - Points: 5 points signing up and initial post and 3 points per in-person event attended (up to 8 points).

3. Extra Credit Quizzes on Aktiv Chemistry
    - Complete designated extra credit quizzes in Aktiv Chemistry in addition to required homework assignments.
    - These quizzes will be available periodically throughout the semester.
        - Points: Up to 3 points per quiz.

4. In-Class Surveys and Activities
- Participate in occasional surveys or activities conducted during class sessions.
- Full credit awarded for thoughtful and complete responses.
    - Points: 2 points per survey/activity.

5. Reflection Statements
- Reflect on your learning experiences and how they connect to real-world applications of chemistry in your career.
- Choose one of the following prompts for your reflection:
    - What's something you learned in class, and how might it apply to your life?
    - Share a question you still have about a recent topic and your understanding of it.
    - What did you find most challenging about a topic we covered?
    - What did you like most/least about a specific class or concept?
- Reflections should be 150–200 words and submitted within one week of the related class or topic when requested. Must be present in class to submit.
    - Points: Up to 5 points per reflection.

6. Extra Credit Questions on Exams
- Earn additional points by answering optional extra credit questions on exams beyond the required 24 questions.
- These questions will be marked clearly as extra credit and are designed to challenge your understanding of the material.
    - Points: Variable, up to 5 points per exam.

Important Notes
Maximum Points: You may earn no more than 50 extra credit points during the semester.
Deadlines: All extra credit activities must be completed and submitted by their respective due dates. Please see assignments in Canvas or on Elementsulfur.com. No late submissions will be accepted.
Grading: Extra credit points are added directly to your total points in the course but cannot exceed the maximum points for the semester.

Chem 103 Spring 2025 Course Outline

Week	Date	Chapter & Sections	Page numbers	Activities
1	January 21	Introduction to course Chapter 1, Section 1.1	1 - 4	Online homework #1 Chapters 1 – 3 open.
	January 23	Chapter 1, Section 1.2 – 1.4	5 - 16	
2	January 28	Chapter 2, Section 2.1 – 2.2	23 - 41	
	January 30	Chapter 2, Section 2.3 – 2.4	42 - 45	
3	February 4	Chapter 3, Section 3.1 – 3.3	54 - 66	
	February 6	Chapter 3, Section 3.3 – 3.5	66 - 73	
4	February 11	Test 1 - Review	1 - 73	
	February 13	**Examination 1 – covers Chapters 1 thru 3.**		**Online homework # 1 Chapters 1 – 3 due on February 13th**
5	February 18	Chapter 4, Section 4.1 – 4.3	82 - 91	Online homework # 2 Chapters 4 – 6 open.
	February 20	Chapter 4, Section 4.3 – 4.5	91 - 102	
6	February 25	Chapter 5, Section 5.1 – 5.3	111 - 120	
	February 27	Chapter 5, Section 5.4 – 5.7	121 - 129	
7	March 4	Chapter 6, Section 6.1 – 6.3	139 - 150	
	March 6	Chapter 6, Section 6.3 – 6.5	150 - 161	
8	March 11	Test 2 - Review	82 - 161	
	March 13	**Examination 2 – covers Chapters 4 thru 6.**		**Online homework # 2 Chapters 4 – 6 due on March 13**
Spring Break March 17th to 23rd				
9	March 25	Chapter 7, Section 7.1 – 7.2	172 - 179	Online homework # 3 Chapters 7 & 8 open.
	March 27	Chapter 7, Section 7.3	180 - 188	
10	April 1	Chapter 7, Section 7.4	189 - 190	
	April 3	Chapter 8, Section 8.1	200 - 206	
11	April 8	Chapter 8, Section 8.2 – 8.3	207- 216	
	April 10	Test 3 – Review Chap 7	172 - 190	
12	April 15	Test 3 – Review Chap 8	200 - 216	
	April 17	***Examination 3 – covers Chapters 7 & 8.**		**Online homework # 3 Chapters 7 & 8 due on April 17**
13	April 22	Chapter 9, Section 9.1 – 9.2	226 - 241	Online homework # 4 Chapters 9 & 10 open.
	April 24	Chapter 9, Section 9.3 – 9.4	242 - 246	
14	April 29	Chapter 10, Section 10.1 – 10.3	256 - 267	
	May 1	Chapter 10, Section 10.4 – 10.6	268 - 278	
15	May 6	Test 4 - Review	226 - 278	
	May 8	**Examination 4 – covers Chapters 9 & 10.**		**Online homework # 4 Chapters 9 & 10 due. on May 8**
16	May 13	No class please prepare for finals on May 13th		
	May 15	**Comprehensive departmental exam covers chapters 1 -10**		

	← Class is optional		← Activities due or completed

CSN Required Information

The following information is required by the institution not by me. You are responsible for reviewing this material.

1. CSN Academic Integrity Policy
Taking the words, work, or presenting the ideas of others, including those generated by artificial intelligence, as your own not only limits your academic research skills, it also violates the CSN's Student Academic Integrity Policy. Cheating on exams or other coursework also violates the CSN Student Academic Integrity Policy. You can find more information about CSN's Academic Integrity Policy at

https://www.csn.edu/_csnmedia/documents/policies-and-procedures/2017_academic-integrity-policy_2_0.pdf.

The minimum penalty for such offenses in this course is to fail the assignment. Failing the course will also be considered as an option. Infractions of the CSN Student Academic Integrity Policy may lead to suspensions, expulsion, transcript notations or other sanctions.

2. CSN Americans with Disabilities Act (ADA) Statement and current Disability Resource Center (DRC) Contact Information
The College of Southern Nevada is committed to making physical facilities and instructional programs accessible to students with disabilities. If you have a disability that may have some impact on your work in this class and for which you may require accommodations, please visit the Disability Resource Center (DRC) so that such accommodations can be considered. All discussions will remain confidential. The DRC has offices on all three campuses. These serve as the focal point for coordination of services for students with disabilities. If you have a physical, emotional, or mental disability that "substantially limits one or more major life activities (including walking, seeing, hearing, speaking, breathing, learning and working)," and will require accommodation in this class, please contact the DRC.

- West Charleston 702–651– 5644, or email at WCDRCStaff@csn.edu
- North Las Vegas 702–651–4045, or email at CYDRCStaff@csn.edu
- Henderson 702–651–3795, or email at HCDRCStaff@csn.edu.

For Deaf and Hard of Hearing Services contact the DRC using 702–651–4448, or email at Deaf.HH.Services@csn.edu.

Any student who receives an accommodation letter from the DRC, please meet with me to discuss the provisions of those accommodations as soon as possible.

3. Reference to Students' Rights and Responsibilities Pertaining to CSN Policies and Services
When you choose to become a student at CSN, you accept the rights and responsibilities of membership in CSN's academic and social community. You can find policies covering students such as the Student Conduct, Students' Right to Know, Students' Academic Integrity, and Disruptive and Abusive Student in the following locations:

- Catalog and Student Handbook: https://www.csn.edu/catalog in the Policies and Procedures section.
- CSN Website: https://www.csn.edu/policies-procedures under the heading "Student Policies.

4. CSN Libraries Support
CSN Libraries provides support for students completing assignments that require research and the use of information. Librarians are available to students for one-on-one assistance locating and citing quality information either online https://library.csn.edu/ask/ or at one of our campus libraries. Find more information on our website https://library.csn.edu

5. Safety Procedures
Approved classroom safety procedures are posted in each classroom and are to be followed. Students are to familiarize themselves with the nearest exit to use during fire alarm exercises. Do NOT use the elevators during these drills. Students will take ALL personal belongings with them when exiting the building. No student will be allowed back into the facility until the all clear is given.

6. Instructor's Policy on Objectionable Materials
Instructors have the responsibility to set and maintain standards of classroom behavior appropriate to the discipline and method of instruction. No objectionable materials or language will be used during this class. This includes all possible modes of the class: online and in person. The instructor will make the final determination regarding any objectionable materials or language. Students may not engage in activity the instructor deems disruptive or counterproductive to the goals of the class. Instructors have the right to remove offending students from class.

7. Academic Advising
Academic Advisors help students assess academic strengths and limitations, learn academic success strategies, explore careers, declare a major, navigate the educational system, access campus and community resources, and connect to campus life. Contact Information:

- Charleston Campus: Building D – Student Services Area: 702–651–5670
- North Las Vegas Campus: Student Services Area: 702–651–4049,
- Henderson Campus: Building B – Room 120: 702–651–3165. https://www.csn.edu/advising

8. Canvas Computer Instructions & Technology Help Desk
Telephone Support for Distance Education students having problems logging into a course, using course web site tools, or other technical problems can be found by contacting the CSN Technology Help Desk locally at 702–651–4357, or via 1-800–630–7563 toll-free, 24 hours/day, 7 days/week. The Canvas Student Quick Start Guide be found at http://guides.instructure.com/m/8470.

9. Centers for Academic Success
Centers for Academic Success (CAS) provides quality DROP-IN academic assistance to all students enrolled in for-credit courses at CSN. Tutors are available for most general education courses and some historically challenging courses. Academic learning support includes assistance with learning strategies, Canvas, Brainfuse online tutoring, Microsoft Office, reading, writing, oral presentations, math, and science. CAS tutors also provide support to study groups and assistance for placement test preparation. CAS is open Monday through Sunday to be more accessible to all students. Hours for all locations are Monday – Thursday 9:00 am to 6:00 pm and Friday – Sunday 11:00 am to 4:00 pm.

You may visit www.csn.edu/centers-academic-success for more details about online and in-person services. You may also contact us at one of our offices:

- Charleston Centers 702–651–5732
- North Las Vegas Learning Commons 702–651–4232
- Henderson Learning Commons 702–651–3125

In addition to general academic success centers, there are math and science resource centers located on all three campuses. They operate on a drop-in, first come, first served basis where you get 20 minutes with a tutor. They are able to help with any of the math content in this course. You can even schedule study sessions with a study group in the centers. Tutor availability may be limited so be sure to check the schedule to ensure a chemistry tutor will be present.

https://www.csn.edu/math-and-science-resource-center

10. Counseling and Psychological Services (CAPS)
The Counseling and Psychological Services (CAPS) offers short-term, problem-focused counseling to CSN students who may feel overwhelmed by the responsibilities of college, work, family, and relationships. Clinicians are available to help students cope with stresses and personal issues that may interfere with their ability to perform in school. The service is provided confidentially and free to currently enrolled students. To schedule an appointment, please call CAPS at

- West Charleston 702–651–5518
- North Las Vegas 702–651–4099
- Henderson 702 –651–3099

11. TRIO Student Support Services
One stop shop for first-generation college, financial aid-eligible and disabled students offering tutoring, academic advising, career exploration, college-transfer assistance, and development of college success strategies. Contact information: North Las Vegas Campus: Building E Room 109: 702–651–4441 or https://www.csn.edu/trio.

12. Reference to CSN Libraries Support
CSN Libraries provides support for students completing assignments that require research and the use of information. Librarians are available to students for one-on-one assistance locating and citing quality information either online https://library.csn.edu/ask/ or at one of our campus libraries. Find more information on our website https://library.csn.edu/ Links to an external site.

13. Public Health Directives (COVID-19)
Students must follow all active CSN public health directives while enrolled in this class, such as properly worn face coverings when required in classrooms as well as inside campus buildings. CSN public health directives are found at https://www.csn.edu/wellness. Students who do not comply with these directives will be asked to leave the classroom. Refusal to follow the guidelines may result in further disciplinary action according to the CSN Student Conduct Code https://www.csn.edu/sites/default/files/documents/student_conduct_code_policy_1.pdf Links to an external site. , including being dropped from the course.

14. Sex-Based Harassment and Discrimination
CSN is committed to creating a safe and open learning environment for all students. In accordance with Title IX of the Education Amendments of 1972, CSN prohibits unlawful sex-based harassment against any participant in its education programs or activities. Sexual-based harassment includes quid pro quo (this for that) harassment, a hostile environment, and criminal sexual violence (including sexual assault, dating/domestic violence, and stalking.) This prohibition applies to CSN students, employees, and visitors. Incidents of sex-based harassment or discrimination should be reported to CSN's Title IX Coordinator, Dr. Armen Asherian, at titleixcoordinator@csn.edu, or 702-651-7481 or University Police Department at 702-895-3669 to report a crime.

15. Pregnant Students
CSN prohibits discrimination based on sex in education programs and activities. This prohibition on discrimination extends to pregnancy and related conditions—including childbirth, lactation, false pregnancy, termination of pregnancy, and recovery therefrom—as well as to parental and family status. If you are pregnant or have a pregnancy-related condition, and you are in need of accommodation because of your pregnancy or pregnancy-related condition, you must contact Dr. Armen Asherian, Title IX Coordinator, at titleixcoordinator@csn.edu or 702-651-7481, or the Disability Resource Center at 702-651-5644 for West Charleston, 702-651-3795 for Henderson, and 702-651-4045 for North Las Vegas to explore reasonable accommodation.

16. AI Usage
Use of generative AI tools is strictly prohibited for all assignments, exams, and projects in this course unless explicitly permitted by the instructor for specific tasks. All other work must be completed independently, without AI assistance at any stage, from initial planning to final submission. Suspected unauthorized use of generative AI will be investigated as a violation of CSN's Academic Integrity policy under the definition of 'cheating,' specifically 'receiving aid not permitted by the instructor.' Potential consequences may include a warning, grade reduction, course failure, or academic probation, depending on the severity of the violation.

Syllabus Acknowledgment Contract

By signing below, I confirm that:

1. I have received, reviewed and understand the course syllabus, including its policies, expectations, and deadlines.
2. I agree to abide by the guidelines and standards outlined for this course.
3. I understand my responsibilities as a student, including attending class, completing assignments on time, and upholding academic integrity.
4. I will communicate with the instructor promptly if I encounter challenges that affect my participation or performance in the course.

This agreement signifies my commitment to actively engage in the learning process and contribute to a positive and respectful classroom environment.

Student Name:	
Signature:	
Date:	