

**College of Southern Nevada**  
**CHM 121 – 4001 - General Chemistry I**  
**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 121 is the first course in a two-semester general chemistry sequence for science and pre-professional majors, covering fundamental principles, laws, and theories of chemistry, including the properties and reactions of metals and nonmetals, correlated to their electronic structure. Includes a separate lab component see CHEM 121 L.

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

**Office Hours**

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

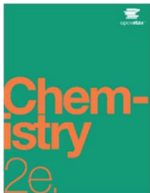

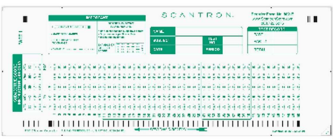

**Course Format**

This course meets on campus twice a week (T, R at 12:30 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.

<b>Textbook: (Free)</b>	 <p>This course will use Chemistry: 2e a free, openly licensed textbook from OpenStax and can be downloaded for free at <a href="https://openstax.org/details/books/chemistry-2e">https://openstax.org/details/books/chemistry-2e</a>. 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.</p>
<b>Calculator: (\$13.99)</b>	 <p>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.</p>
<b>Scantrons: (\$1.84)</b>	 <p>You will need to bring four scantrons over the course of the semester for your regular exams this semester. For your final I will provide a special answer form call a par score form courtesy of the department.</p>
<b>Technology &amp; Internet Access (\$45.00)</b>	 <p>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.</p>
<b>Laboratory*: (\$4-9)</b>	<p>Please see your respective lab instructor for their required course materials. <b>ONLY IF YOU HAVE ME</b> will you need to purchase a composition book, 7-1/2" x 9-3/4", Quad Ruled, 100 Sheets. No substitutes. You can also find this at Office Depot for about \$6.00.</p>

## 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.

## Course Learning Outcomes

Upon the completion of this course students should demonstrate:

### Chapter 1 – Essential Ideas

1. Understand the role of chemistry in everyday life.
2. Learn how the scientific method helps solve problems.
3. Distinguish between hypotheses, theories, and laws.
4. Describe matter in terms of macroscopic, microscopic, and symbolic domains.
5. Classify matter by state (solid, liquid, gas) and type (element, compound, mixture).
6. Differentiate between physical and chemical properties of substances.
7. Use SI units for measurements and learn common prefixes (e.g., milli-, centi-, kilo-).
8. Perform dimensional analysis to solve conversion problems.
9. Understand the importance of significant figures in measurements.

### Chapter 3 – Composition of Substances and Solutions

1. Define and calculate formula masses of substances.
2. Explain the concept of the mole and its significance.
3. Perform conversions between moles, masses, and number of particles.
4. Use the mole concept to determine the composition of substances.
5. Calculate empirical and molecular formulas from percent composition.
6. Define molarity and calculate solution concentrations.
7. Perform dilution calculations using the dilution equation.
8. Compare and contrast different units for solution concentrations.
9. Describe the preparation of solutions with specific concentrations.
10. Analyze mixtures in terms of their relative compositions

### Chapter 5 – Thermochemistry

1. Understand the first law of thermodynamics and its implications.
2. Define energy, heat, and work, and explain how they are related.
3. Differentiate between system and surroundings in energy exchanges.
4. Learn how to write and balance thermochemical equations.
5. Calculate enthalpy changes for chemical reactions.
6. Understand Hess's Law and use it to determine reaction enthalpies.
7. Explore calorimetry and how it measures heat flow.
8. Define enthalpy and explain why it's a state function.
9. Apply the concepts of heat and work to solve real-world problems.
10. Analyze energy transformations in chemical and physical processes

### Chapter 2 – Atoms, Molecules, and Ions

1. Understand Dalton's atomic theory and its key ideas.
2. Explain how Dalton's theory supports the laws of definite and multiple proportions.
3. Learn about the history and development of atomic models.
4. Identify the parts of an atom: protons, neutrons, and electrons.
5. Use symbols to represent different isotopes.
6. Explore how the periodic table organizes elements.
7. Understand the differences between ionic and covalent compounds.
8. Write chemical formulas for compounds.
9. Name chemical compounds using basic naming rules.
10. Connect a compound's structure to its properties.

### Chapter 4 – Stoichiometry of Chemical Reactions

1. Learn to write and balance chemical equations.
2. Classify chemical reactions (e.g., precipitation, acid-base, redox).
3. Understand stoichiometry and how it relates reactants to products.
4. Use chemical equations to calculate amounts of substances.
5. Identify limiting reactants in chemical reactions.
6. Calculate theoretical yield, actual yield, and percent yield.
7. Perform solution stoichiometry using molarity.
8. Learn about titrations and how they measure solution concentration.
9. Understand gravimetric and combustion analysis for compound composition.
10. Use stoichiometric principles to solve real-world chemical problems.

### Chapter 6 – Electronic Structure and Periodic Properties of Elements

1. Understand the wave nature of light and its properties (frequency, wavelength, and energy).
2. Learn the concept of light as both a wave and a particle.
3. Explore the Bohr model and its explanation of atomic emission spectra.
4. Describe the development of quantum theory and its key principles.
5. Understand the quantum mechanical model of the atom.
6. Write and interpret electron configurations for atoms and ions.
7. Learn the periodic trends in atomic size, ionization energy, and electron affinity.
8. Understand how electron configurations influence chemical behavior.
9. Recognize periodic variations in element properties.
10. Relate periodic table trends to the electronic structure of elements are needed!

### Chapter 7 – Chemical Bonding and Molecular Geometry

1. Understand the differences between ionic and covalent bonding.
2. Learn to draw Lewis structures for molecules and polyatomic ions.
3. Assign formal charges and identify resonance structures.
4. Describe the strength of ionic and covalent bonds.
5. Predict molecular geometries using VSEPR theory.
6. Explain the concept of bond polarity and molecular polarity.
7. Relate molecular polarity to molecular shape and bonding.
8. Determine bond angles and molecular structures for various compounds.
9. Understand the relationship between molecular geometry and physical properties.
10. Apply bonding theories to real-world examples.

### Chapter 9 – Gases

1. Define pressure and understand how it is measured.
2. Relate pressure, volume, temperature, and amount using the ideal gas law.
3. Perform stoichiometric calculations involving gaseous reactants and products.
4. Understand Dalton's law of partial pressures and its applications.
5. Learn how gases effuse and diffuse using Graham's law.
6. Explore the kinetic molecular theory and its relation to gas behavior.
7. Explain deviations from ideal gas behavior and the significance of the van der Waals equation.
8. Solve real-world problems involving gas mixtures and their properties.
9. Understand the relationship between molecular velocity and temperature.
10. Apply concepts of gas laws to experimental data analysis

### Chapter 11 – Solutions and Colloids

1. Describe how solutions form and their basic properties.
2. Predict whether a mixture will form a solution based on molecular properties.
3. Explain why some solutions absorb or release heat during formation.
4. Understand the behavior of electrolytes in solution and their impact on conductivity.
5. Learn about solubility and the factors that affect it, including temperature and pressure.
6. Define and calculate colligative properties like boiling point elevation and freezing point depression.
7. Understand the concept of osmotic pressure and its relation to solution concentration.
8. Explore the nature and properties of colloids.
9. Identify technological applications of colloids and solutions.
10. Relate solution chemistry to real-world environmental and biological systems.

### Chapter 8 – Advanced Theory of Covalent Bonding

1. Explain how covalent bonds form through orbital overlap.
2. Define sigma ( $\sigma$ ) and pi ( $\pi$ ) bonds and provide examples.
3. Understand the concept of hybrid atomic orbitals and how they explain molecular shapes.
4. Predict bond angles and molecular geometries using hybridization.
5. Describe the formation and structure of multiple bonds (double and triple bonds).
6. Understand delocalized bonding and resonance structures.
7. Apply molecular orbital theory to diatomic molecules.
8. Compare bonding in paramagnetic and diamagnetic molecules.
9. Relate molecular orbital energy diagrams to bond order and stability.
10. Connect advanced bonding theories to experimental observations and applications

### Chapter 10 – Liquids and Solids

1. Describe different types of intermolecular forces (dispersion forces, dipole-dipole attractions, and hydrogen bonding).
2. Identify intermolecular forces present in various molecules based on their structures.
3. Explain how intermolecular forces affect physical properties like boiling point and viscosity.
4. Understand phase transitions and the energy changes involved (melting, boiling, freezing).
5. Interpret phase diagrams and understand critical and triple points.
6. Describe the unique properties of solids, including crystalline and amorphous forms.
7. Explain the role of lattice structures in crystalline solids.
8. Compare and contrast properties of liquids and solids in terms of molecular interactions.
9. Define and calculate vapor pressure and its dependence on temperature.
10. Explore real-world applications of liquids and solids, such as surface tension and capillary action.

## Grading

I round all grades to the nearest whole percentage using the rounding rules taught in CHEM 121.

Final Letter Grades	Item	Points each	Number of items	Subtotal
A: 900–1000 points (90–100%)	Exams	100	4	400
B: 800–899 points (80–89%)	Laboratory	250	1	250
C: 700–799 points (70–79%)	Final	150	1	150
D: 600–699 points (60–69%)	Project	150	1	150
F: Below 600 points (Below 60%)	Homework	25	4	100
			<b>Total</b>	<b>1000</b>

## 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 is a standardized ACS exam. It will consist of 50-70 questions depending on the exam year provided. All 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. To prepare for the exam you may purchase and official study guide at the following address:

<https://acsexamsinstitute.com/>

### B. Laboratory

The laboratory component is an essential part of this course, providing hands-on experience to reinforce and expand your understanding of key concepts. The laboratory is worth 250 points, contributing 25% of your overall grade, and includes assessments such as quizzes and laboratory reports.

For specific details about laboratory assignments, schedules, and expectations, please consult your laboratory instructor directly. If you are in my section, additional information about the laboratory can be found at [elementsulfur.com](http://elementsulfur.com). Since the Canvas shell is managed at the department level, any edits I make would apply to all 121L sections. Using my website allows me to share information directly with you in a more efficient manner.

### C. 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.

#### D. Infographic project

As part of this course, students will complete an infographic assignment designed to enhance their understanding of a specific element while developing skills in scientific communication. Each student will create a visually engaging and scientifically accurate infographic focused on a selected element from the periodic table. The assignment will require students to conduct research, synthesize information, and present three real-world applications of their chosen element in a clear and compelling format. Infographics must include appropriate visuals, concise explanations, and proper citations in ACS format.

In addition to submitting their work, students will deliver a 3-5-minute in-class presentation to explain their infographic to their peers. This assignment emphasizes creativity, critical thinking, and the ability to communicate complex ideas to a broader audience—key real-world skills. Detailed instructions, including deadlines and assessment criteria, will be provided in class.

#### E. 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](https://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](mailto: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.

#### **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.

## **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.

## **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 (5%) 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](http://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.

## **Use of [elementsulfur.com](http://elementsulfur.com)**

Throughout this course, you are encouraged to utilize my personal website [elementsulfur.com](http://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.

## Extra Credit in CHEM 121

In CHEM 121, 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!

- 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 9 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](http://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 121 Spring 2025 Course Outline

Week	Date	Chapter & Sections	Page numbers	Activities	
1	January 21	Introduction to course Chapter 1, Section 1.1 – 1.3	9 - 26	Online homework #1 Chapters 1 – 3 open.	
	January 23	Chapter 1, Section 1.4 – 1.6	27 - 47		
2	January 28	Chapter 2, Section 2.1 – 2.4	62 - 83		
	January 30	Chapter 2, Section 2.5 – 2.7	84 - 103		
3	February 4	Chapter 3, Section 3.1 – 3.2	118 - 131		
	February 6	Chapter 3, Section 3.3 – 3.4	132 - 149		
4	February 11	<i>Test 1 - Review</i>	9 - 150		
	<b>February 13</b>	<b>Examination 1 – covers Chapters 1 thru 3.</b>			<b>Online homework # 1 Chapters 1 – 3 due on February 13<sup>th</sup></b>
5	February 18	Chapter 4, Section 4.1 – 4.3	160 - 184		Online homework # 2 Chapters 4 – 6 open.
	February 20	Chapter 4, Section 4.3 – 4.5	185 - 198		
6	February 25	Chapter 5, Section 5.1 – 5.2	212 - 225		
	February 27	Chapter 5, Section 5.2 – 5.3	226 - 247		
7	March 4	Chapter 6, Section 6.1 – 6.3	258 - 280		
	March 6	Chapter 6, Section 6.3 – 6.5	281 - 304		
8	March 11	<i>Test 2 - Review</i>	160 - 304		
	<b>March 13</b>	<b>Examination 2 – covers Chapters 4 thru 6.</b>		<b>Online homework # 2 Chapters 4 – 6 due on March 13</b>	
<b>Spring Break March 17<sup>th</sup> to 23<sup>rd</sup></b>					
9	March 25	Chapter 7, Section 7.1 – 7.3	313 - 331	Online homework # 3 Chapters 7 – 9 open.	
	March 27	Chapter 7, Section 7.4 – 7.6	332 - 358		
10	April 1	Chapter 8, Section 8.1 – 8.2	376 - 389		
	April 3	Chapter 8, Section 8.3 – 8.4	390 - 408		
11	April 8	Chapter 9, Section 9.1 – 9.3	416 - 448		
	April 10	Chapter 9, Section 9.4 – 9.6	449 - 462		
12	April 15	<i>Test 3 - Review</i>	313 - 462		
	<b>April 17</b>	<b>Examination 3 – covers Chapters 7 thru 9.</b>		<b>Online homework # 3 Chapters 7 – 9 due on April 17</b>	
13	April 22	Chapter 10, Section 10.1 – 10.3	476 - 502	Online homework # 4 Chapters 10 & 11 open.	
	April 24	Chapter 10, Section 10.4 – 10.6	503 - 534		
14	April 29	Chapter 11, Section 11.1 – 11.2	548 - 554		
	May 1	Chapter 11, Section 11.3 – 11.5	555 - 592		
15	May 6	<i>Test 4 - Review</i>	476 - 592	Infographic material is due May 1 <sup>st</sup> .	
	<b>May 8</b>	<b>Examination 4 – covers Chapters 10 &amp; 11.</b>		<b>Online homework # 4 Chapters 10 &amp; 11 due. on May 8</b>	
16	<b>May 13</b>	<b>Illustration project presentations.</b>			
	<b>May 15</b>	<b>Final ACS Exam covers chapters 1 -11</b>			

← 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](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](mailto:WCDRCStaff@csn.edu)
- North Las Vegas 702-651-4045, or email at [CYDRCStaff@csn.edu](mailto:CYDRCStaff@csn.edu)
- Henderson 702-651-3795, or email at [HCDRCStaff@csn.edu](mailto: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](mailto: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](http://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](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](mailto: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](mailto: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.