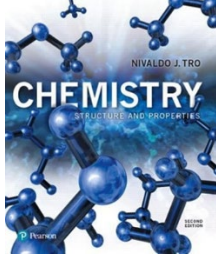


**LAREDO COLLEGE**  
**GENERAL COURSE SYLLABUS**  
**Summer I, 2021**

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| INSTRUCTOR:                                  | Dr. Sheuli Zakia.  |
| INSTRUCTOR REPLACEMENT PROCEDURE:            | LC reserves the right to provide a substitute instructor in the event the regularly scheduled instructor for the class becomes ill or is not able to continue in the course.   |
| DEPARTMENT:                                  | Natural Sciences Department  |
| PHONE NUMBER/EXTENSION:                      | 956 -794-4734  |
| E-MAIL ADDRESS:                              | <a href="mailto:Sheuli.Zakia@laredo.edu">Sheuli.Zakia@laredo.edu</a>   |
| CAMPUS/OFFICE LOCATION:<br>OFFICE HOURS:     | <b>Zoom and chat office hrs: Dr. Zakia Summer I 2021</b><br>Mon:<br>Tue:<br>Wed:<br>Thurs:<br>Fri:<br>and other probable time with appointments  |
| COURSE TITLE:                                | General Chemistry I  |
| COURSE NUMBER:                               | CHEM 1311  |
| COURSE LEVEL:                                | Freshman or Sophomore  |
| CONTACT HOURS (RANGE FOR STATE INFORMATION): | 48 hours per semester.   |
| LAB:   | To be completed by dept.   |
| TEXTBOOKS/MATERIALS/TECHNOLOGY:              | <p>Chemistry: Structure and Properties, 2<sup>nd</sup> edition by Nivaldo J Tro.<br/> Publisher : Pearson.</p>  <p><a href="#">Modified Mastering Chemistry with Pearson eText -- Instant Access -- for Chemistry: Structure and Properties, 2nd Edition</a><br/> ISBN-13: 978-0-13-455448-8</p> <p>Course materials will be delivered through Canvas, the institution's learning management system. Content may vary dependent on course type but primarily includes assignments, activities, examinations, and grades.</p> <p>For online exams, this course requires the use of Respondus LockDown Browser and/or Respondus Monitor. Respondus Monitor requires the use of a webcam with a microphone. In some cases, students can take their online exams in a proctored testing lab and Respondus Monitor would not be needed. However, Respondus LockDown Browser is always required to maintain the integrity of all exams. For details refer to the section titled "Additional Course Information".</p> |
| CORE or NON-CORE Course:                     | To be completed by dept.   |
| COURSE TYPE:                                 | Online: A course in which all instruction occurs when the student(s) and instructor(s) are not in the same place at the same time.   |

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| INSTRUCTOR:                     | Dr. Sheuli Zakia.   |
|                                 | <p>Face-to-Face Course: A course in which all instruction occurs when the student(s) and instructor(s) are in the same place at the same time.</p> <p>Full Distance Education Course: A course which may have mandatory face-to-face sessions totaling no more than 15 percent of the instructional time. Examples of face-to-face sessions include orientation, laboratory, exam review, or an in-person test.</p> <p>Hybrid/Blended Course: A course in which a majority (more than 50 percent but less than 85 percent, of the planned instruction occurs when the students and instructor(s) are not in the same place.</p>   |
| COURSE DESCRIPTION:             | <p>General Chemistry I is the first part of a two-course sequence. Fundamental principles of chemistry for majors in the sciences, health sciences, and engineering; topics include measurements, fundamental properties of matter, states of matter, chemical reactions, chemical stoichiometry, periodicity of elemental properties, atomic structure, chemical bonding, molecular structure, solutions, properties of gases, and an introduction to thermodynamics and descriptive chemistry.</p> <p><b>Prerequisite:</b><br/>High school chemistry and concurrent enrollment or credit for ENGL 1301 and MATH 1314 or CHEM 1305 and CHEM 1105.</p> <p><b>Corequisite:</b> CHEM 1111 General Chemistry I (lab)</p>   |
| END-OF-COURSE OUTCOMES:         | <p>Upon completion of this course, the student should be able to:</p> <ol style="list-style-type: none"> <li>1. Define the fundamental properties of matter.</li> <li>2. Convert units of measure and demonstrate dimensional analysis skills.</li> <li>3. Classify matter, compounds, and chemical reactions.</li> <li>4. Determine the basic nuclear and electronic structure of atoms.</li> <li>5. Identify trends in chemical and physical properties of the elements using the Periodic Table.</li> <li>6. Solve stoichiometric problems.</li> <li>7. Write chemical formulas.</li> <li>8. Write and balance equations.</li> <li>9. Use the rules of nomenclature to name chemical compounds.</li> <li>10. Define the types and characteristics of chemical reactions.</li> <li>11. Determine the role of energy in physical changes and chemical reactions</li> </ol> |
| GENERAL EDUCATION COMPETENCIES: | <p>Laredo College has identified six core objectives. They are:</p> <ol style="list-style-type: none"> <li>1. <b>Communication:</b> Laredo College students develop and express ideas through effective written, oral, or visual communication or various academic and professional contexts.</li> <li>2. <b>Critical Thinking:</b> Laredo College students demonstrate the ability to design, analyze, synthesize and/or evaluate information to achieve a desired goal.</li> <li>3. <b>Empirical and Quantitative Skills:</b> Laredo College students apply scientific and mathematical concepts to analyze and solve problems.</li> <li>4. <b>Teamwork:</b> Laredo College students consider different points of view and work effectively with others to support a shared purpose or goal.</li> </ol>   |

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| INSTRUCTOR:                                 | Dr. Sheuli Zakia.  |        |     |          |     |                  |     |                     |     |              |      |             |      |
|   | <p><b>5. <u>Personal Responsibility:</u></b> Laredo College students connect choices, actions, and consequences to ethical decision-making.</p> <p><b>6. <u>Social Responsibility:</u></b> Laredo College students demonstrate intercultural competency, civic knowledge, and the ability to engage effectively in regional, national, and/or global communities.</p> <p><b>Disclaimer:</b> General Education competencies apply only to Core Curriculum courses.</p>  |        |     |          |     |                  |     |                     |     |              |      |             |      |
| TEACHING STRATEGIES/METHODS OF INSTRUCTION: | All interactive materials and lectures are delivered via online.   |        |     |          |     |                  |     |                     |     |              |      |             |      |
| OUTCOMES ASSESSMENT:                        | Homework, Regular Exams, Quizzes, Final Exam, Writing Assignments and Interactive Discussion   |        |     |          |     |                  |     |                     |     |              |      |             |      |
| EXTERNAL ASSESSMENTS:                       | Students may be asked to provide assignments which may be included in course portfolios and used for evaluation of General Education Competencies. In addition, you may be selected to participate in the completion of surveys and/or be selected to take tests which will gauge your overall improvement in reading, writing, critical thinking, and mathematics. These activities are designed to collectively monitor your overall progress as a higher education student.   |        |     |          |     |                  |     |                     |     |              |      |             |      |
| METHODS AND CRITERIA FOR EVALUATION:        | <p>Grade to be determined by <b>regularly scheduled Quizzes, Homework, Midterm Exams, Writing Assignment, Interactive Discussions and Final Exam.</b></p> <table> <tr> <td>Exams:</td><td>30%</td></tr> <tr> <td>Quizzes:</td><td>5 %</td></tr> <tr> <td>Online Homework:</td><td>5 %</td></tr> <tr> <td>Writing Assignments</td><td>25%</td></tr> <tr> <td>Discussions:</td><td>10 %</td></tr> <tr> <td>Final Exam:</td><td>25 %</td></tr> </table> <p>The Final Exam will be comprehensive</p> <p><b>Disclaimer:</b> Nursing, Allied Health, and Workforce courses build on knowledge and content learned from previous semesters. Therefore, content from previous courses may be included in the course examinations</p> | Exams: | 30% | Quizzes: | 5 % | Online Homework: | 5 % | Writing Assignments | 25% | Discussions: | 10 % | Final Exam: | 25 % |
| Exams:                                      | 30%  |        |     |          |     |                  |     |                     |     |              |      |             |      |
| Quizzes:                                    | 5 %  |        |     |          |     |                  |     |                     |     |              |      |             |      |
| Online Homework:                            | 5 %  |        |     |          |     |                  |     |                     |     |              |      |             |      |
| Writing Assignments                         | 25%  |        |     |          |     |                  |     |                     |     |              |      |             |      |
| Discussions:                                | 10 %   |        |     |          |     |                  |     |                     |     |              |      |             |      |
| Final Exam:                                 | 25 %   |        |     |          |     |                  |     |                     |     |              |      |             |      |
| GRADING SCALE:                              | <p>A ..... Excellent, 100% - 89.50%</p> <p>B ..... Good, 89.49% - 79.50%</p> <p>C ..... Average, 79.49% - 69.50%</p> <p>D ..... Poor, 69.49% - 59.50%</p> <p>F ..... Fail, 59.49% or below</p> <p>F_ ..... Failure, Non-Participatory</p> <p>I ..... Incomplete</p> <p>W ..... Withdrawal</p> <p>NC ..... No Credit</p> <p>NC_ ..... No Credit, Non-Participatory</p> <p>NC_DV .. No Credit, Developmental</p> <p>NCDV ... No Credit, Developmental, Non-Participatory</p> <p>P ..... Pass</p> <p>NP ..... No Pass</p> <p>AU ..... Audit</p>   |        |     |          |     |                  |     |                     |     |              |      |             |      |

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| INSTRUCTOR:  | <p>Dr. Sheuli Zakia.</p> <p>Students must access the Semester Progress Report and Final Grades through PASPort (<a href="http://passport.laredo.edu">http://passport.laredo.edu</a>).</p> <p>Instructors will notify students of the window of availability for grades.</p>  |
| <p>ATTENDANCE REGULATIONS:</p> <p>Office of the Registrar &amp; Admissions</p> <ul style="list-style-type: none"> <li>• Fort McIntosh Campus - Lerma Peña Building Room 116 or call (956) 721-5109</li> <li>• South Campus - Billy Hall Student Center Room 109 or call (956) 794-4110</li> <li>• e-mail: <a href="mailto:admissions@laredo.edu">admissions@laredo.edu</a></li> </ul> <p>Financial Aid Center</p> <ul style="list-style-type: none"> <li>• Fort McIntosh Campus - Lerma Peña Building Room 143 or call (956) 721-5361</li> <li>• South Campus - Billy Hall Student Center Room 109 or call (956) 794-4361</li> <li>• e-mail: <a href="mailto:finaid@laredo.edu">finaid@laredo.edu</a></li> </ul> | <p>Attendance records will be kept for the first twelve (12) days during the Fall Semester and the Spring Semester, for the first two (2) class days during the Maymester and Wintermester, and for the first four (4) class days during the Summer Sessions.</p> <p>Students enrolled in a Face-to-Face course or a Hybrid/Blended course will need to physically show up to class within the first twelve (12) class days of the Fall or Spring Semester, within the first two (2) class days of the Maymester or Wintermester, or within the first four (4) class days of a Summer Session to remain officially enrolled in the course beyond the census date.</p> <p>Students enrolled in a Fully Distance Education course will need to log in within the first twelve (12) days of the Fall or Spring Semester, within the first two (2) class days of the Maymester or Wintermester, or within the first four (4) class days of a Summer Session to remain officially enrolled in the course beyond the census date.</p> <p>Students will be withdrawn administratively from the course should they fail to abide by this rule. Once the official census date for the semester or session has passed, no formal attendance will be required except for programs where the respective accreditation agency requires attendance records.</p> <p>Students who do not intend to remain enrolled after attending at least one class day <b>must</b> initiate a drop request from any or all classes by submitting a drop slip to the Enrollment and Registration Services Center or through PASPort. <b>Responsibility for class attendance rests with the student. Regular and punctual attendance is expected.</b></p> <p>It is advised that a student contact Financial Aid Center at either campus prior to dropping a course.</p> <p><b>Absence From Final Examinations:</b><br/> <b>A student who is absent from a final examination receives a grade of "0" for the examination and a grade of "F" for the course.</b> Any students authorized to be absent from a final examination receive a grade of "I" on their transcript until they take the final examination. Such students must take the final exam within four months. Final exams cannot be re-taken. The instructor will submit a Grade Change Form to change the previously submitted incomplete grade to an "F" if the student does not meet the 4 month deadline.</p> <p><b>Other Policies (LC and State-Wide):</b></p> <p>A. <b>3-peat</b> - If a student signs up for a class for a third time, even if he/she dropped or failed it before, the State will not provide funding for that student and the student will be required to pay an additional fee.</p> <p>B. <b>6 W's</b> - Beginning Fall 2007, students cannot drop more than 6 classes throughout their college career. Any subsequent drops</p> |

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| INSTRUCTOR: | Dr. Sheuli Zakia.   |
|             | <p>will become F's. The rule includes credits earned at all Texas colleges/universities, and W's will carry over when transferring to other institutions.</p> <p>C. <b>Finishing on time</b> - The State expects students to graduate on time. Students who obtain 90 or more credit hours at a Community College are no longer eligible for financial aid.</p> <p>D. <b>Bacterial Meningitis Vaccination Requirement Effective Spring 2012; update effective October 1, 2013.</b></p> <ul style="list-style-type: none"> <li>• Per Texas State Law (SB 62), students who meet the criteria below must provide proper documentation that they have received the bacterial meningitis vaccination within the last five years and at least 10 calendar days before the beginning of the semester.</li> <li>• All new or transfer students under age 22.</li> <li>• All returning students under the age of 22, who have experienced a break in enrollment of at least one fall or spring term.</li> <li>• Students enrolled in online courses that physically attend classes or come to campus within the semester.</li> </ul> <p>Vaccination records must be submitted at the Enrollment and Registration Services Center.</p> <p>E. <b>Campus Gun Carry</b> - Senate Bill 11 (SB 11), "Open Carry Law" permits individuals with a concealed handgun license (also referred to as the "CHL" or License to Carry - "LTC") to carry a concealed weapon on public college campuses in Texas beginning August 1, 2017. Individuals licensed to carry may do so on campus premises except in locations and activities prohibited by law or by these rules and regulations. These rules and regulations apply to all faculty, staff, students, guests, visitors, and individuals and organizations doing business on behalf of the College on the campus premises. This policy does not apply to commissioned peace officers. State law DOES NOT ALLOW the open carry of a firearm at Laredo College. The following areas have been designated as no-carry zones:</p> <ol style="list-style-type: none"> <li>1) All day care facilities located at LC.</li> <li>2) All sports complexes and fields located at the Fort McIntosh and the South Campuses.</li> <li>3) Maravillo Gym located at the Fort McIntosh Campus.</li> <li>4) Special Services Center Offices located at the Fort McIntosh and the South Campuses.</li> <li>5) Federal Water Commission Building located at the Fort McIntosh Campus.</li> <li>6) The concealed carry of handguns is prohibited in areas in which formal hearings are being conducted. These include Room 101, 102, and the Samuel A. Meyer Board Room located in the Elpha Lee West Administrative Building at the Fort McIntosh Campus and the Deans Conference Room located in Room 215 of the Billy Hall Student Center at the South Campus.</li> <li>7) Campus Ministries Building located at the Fort McIntosh Campus.</li> </ol> <p>For more information about the Rules and Regulations for Campus Carry, please go to <a href="http://www.laredo.edu/cms/LCC/Root_Content/Collections/Campus_Carry_at_LCC-2136174271/">http://www.laredo.edu/cms/LCC/Root_Content/Collections/Campus_Carry_at_LCC-2136174271/</a>.</p> |

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| <p>SPECIAL SERVICES CENTER:</p> <ul style="list-style-type: none"> <li>• Fort McIntosh Campus - Kazen Student Center Room 132</li> <li>• South Campus - Billy Hall Student Center Room A132</li> </ul> <p>Fort McIntosh and South Campus<br/>Phone Number: (956) 721-5137</p> <p>e-mail: <a href="mailto:specialservices@laredo.edu">specialservices@laredo.edu</a></p> | <p>A student with disabilities, including learning disabilities, who wishes to request special accommodations for this class, must be registered with the Special Services Center. A student needs to contact the Special Services Center early in the semester or before the semester starts so that appropriate arrangements may be made. In accordance with Federal Law, a student requesting accommodations must provide documentation of his/her disability to the Special Services Counselor. Once a student's disability has been verified by the Special Services Counselor, letters of accommodation will be provided to the student who will in turn provide them to the instructor for signature. The student will return the signed original letter of accommodation to the Special Services Center. The letter of accommodation goes into effect the date the instructor signs. Grades earned prior to providing the letter of accommodation to the instructor will remain the same. For additional information, call to schedule an appointment to register with the Special Services Center and to meet with the Counselor. For more information about the process, students can go to <a href="http://www.laredo.edu/cms/lcc/student_services/Special_Services_Center/eligibility/">www.laredo.edu/cms/lcc/student_services/Special_Services_Center/eligibility/</a>.</p> <p>The instructor is not required to provide accommodations if the letter of accommodation from the Special Services Center has not been provided by the student. A Special Services student with accommodations is still required to meet all course/program outcomes, including attendance. If a student makes a voluntary verbal self-disclosure of a disability, the instructor needs to refer the student to the Special Services Center.</p> <p>A pregnant student is required to meet all course/ program outcomes, including attendance. There may be contaminants present in clinical area(s) that could adversely affect a fetus. It is advisable for the student to contact her obstetrician, once pregnancy has been confirmed, to ensure that there are no medical concerns/limitations to continuing her courses.</p> |
| TITLE IX  | <p>To comply with legislative requirements for institutions receiving federal funds, Laredo College has established specific policies and procedures to address compliance with Title IX of the Higher Education Amendments of 1972 (20 U.S.C., Section 1681 Et. Seq. (Title IX)) which prohibits discrimination on the basis of sex in education programs or activities. Furthermore, sexual assault, dating violence, domestic violence, stalking and sexual harassment, are a form of sex discrimination which is prohibited by Title IX.</p> <p>Laredo College complies with the legislative requirements with the Jeanne Clery Disclosure of Campus Security Policy and Campus Crime Statistics Act (Clery Act), The Violence Against Women Act 2013 (VAWA) and the Campus Sexual Violence Elimination Act of 2013 (Campus SaVe). Any individual who has a complaint regarding Title IX prohibited behaviors needs to contact the Title IX Officer to address this complaint.</p> <p>These policies and procedures apply to all students and employees at Laredo College.</p>  |
| Associate Dean of Students  |   |

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| <p>Title IX Coordinator<br/>Raquel A. Peña<br/>(956)794-4988<br/><a href="mailto:rapena@laredo.edu">rapena@laredo.edu</a></p> | <p>Please contact the Title IX Coordinator if you have any questions regarding the process for filing or investigating complaints of discrimination. A victim of discrimination or harassment is encouraged to use the college's internal complaint process. Persons believe they have been discriminated against or harassed may seek assistance from government agencies including the U.S. Department of Education, Office of Civil Rights.</p> <p>We have adopted STOP!T, a technology platform that will help mitigate, deter, and control harmful and inappropriate behavior as well as help create a positive and safe learning environment for our campus community. STOPit will be an integral part of our effort to deter and mitigate risks associated with sexual harassment and assault, Title IX, the Clery Act, hazing, violence, and other threats to student safety.</p> <p>Use this Access Code to activate the STOP!T web app:<br/><b>PALOMINOS</b></p> <p>Click <a href="https://appweb.stopitsolutions.com/login">https://appweb.stopitsolutions.com/login</a> to access web app and to start reporting.</p>  <p>In addition, Title IX of the Education Amendments of 1972 ("Title IX"), 20 U.S.C. §1681 <i>et seq.</i>, is a Federal civil rights law that prohibits discrimination on the basis of sex—including pregnancy and parental status—in educational programs and activities.</p> <p>A pregnant student is required to meet all course/ program outcomes, including attendance. There may be contaminants present in clinical area(s) that could adversely affect a fetus. It is advisable for the student to contact her obstetrician, once pregnancy has been confirmed, to ensure that there are no medical concerns/limitations to continuing her courses.</p> <p>For more information, please go to <a href="https://www2.ed.gov/about/offices/list/ocr/docs/dcl-know-rights-201306-title-ix.html">https://www2.ed.gov/about/offices/list/ocr/docs/dcl-know-rights-201306-title-ix.html</a>.</p> |
| GRADE APPEAL:   | <p>A student who wishes to question a grade received for a class should first discuss the situation with the instructor of record who issued the grade. If the issue is not resolved, the student should contact the appropriate Department Chairperson to review the concern. If the student is not satisfied with the Department Chairperson's decision, the student may contact the appropriate Dean of Instruction for assistance. If necessary, the student may request a review by the Provost/Vice President of Academic Affairs after all other avenues</p>  |

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| TIME LIMIT FOR APPEALING A GRADE:   | <p>have been exhausted. Established departmental procedures will be utilized to resolve concerns related to grades received for a class.</p> <p>Students who believe that the final course grade is incorrect have two weeks (ten working days) after the grade is issued to appeal the grade. Students who believe that a grade earned in a class activity is incorrect have one week (five working days) after the grade is issued to appeal the grade. Exceptions require the approval of the Provost/Vice President of Academic Affairs.</p>   |
| <p>STUDENT BEHAVIOR:</p> <p>Associate Dean of Students<br/>Fort McIntosh Campus - Kazen Student Center<br/>Room 207<br/>• Phone Number: (956) 794-4988<br/>e-mail: <a href="mailto:rapena@laredo.edu">rapena@laredo.edu</a></p> | <p><b>Code of Student Conduct &amp; Discipline</b><br/>Each student is expected to be fully acquainted with all published policies, rules, and regulations of the College, copies of which shall be available to each student for review at LC's website at <a href="http://www.laredo.edu">www.laredo.edu</a> (Student Life/Student Handbook/Code of Student Conduct and Discipline) and the Associate Vice President for Student Services or the Office of the Associate Dean of Students. Laredo College will hold each student responsible for compliance with these policies, rules, and regulations. The student is responsible for obtaining published materials to update the items in this Code. Students are also expected to comply with all federal, state, and local laws. This principle extends to conduct off campus which is likely to have an adverse effect on Laredo College or on the educational process.</p> <p><b>Student Misconduct</b><br/>Each student is expected to conduct him/herself in a manner consistent with the college's functions as an educational institution. Specific examples of misconduct and the disciplinary process are located at LC's website at <a href="http://www.laredo.edu">www.laredo.edu</a> (Student Life/Student Handbook/Code of Student Conduct and Discipline).</p> <p><b>Use of Electronic Devices</b><br/>The use of an electronic device shall not interfere with the instructional, administrative, student activities, public service, and other authorized activities on College District premises. Unless prior authorization is obtained from the instructor or respective College District official, the use of an electronic device is expressly prohibited in classrooms, laboratories, clinical settings, and designated quiet areas on College District premises. Certain violations of this policy may be excused in the case of emergencies or other extenuating circumstances provided that prior approval is obtained from the instructor or respective College District official.</p> <p>The use of electronic equipment capable of capturing still or moving images in any location where individuals may reasonably expect a right to privacy is not authorized on College District premises. Noncompliance with these provisions shall be considered a violation of Board adopted policy and shall warrant appropriate disciplinary action.</p> <p><b>Scholastic Dishonesty</b><br/>“Scholastic dishonesty” shall include, but is not limited to, cheating, plagiarism, and collusion.</p> <p>“Cheating” shall include, but shall not be limited to:</p> <p>Copying from another student's test or class work;</p> |



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|   | <p>Using test materials not authorized by the person administering the test;</p> <p>Collaborating with or seeking aid from another student during a test without permission from the test administrator;</p> <p>Knowingly using, buying, selling, stealing, or soliciting, in whole or part, the contents of an unadministered test, paper, or another assignment;</p> <p>The unauthorized transporting or removal, in whole or in part, of the contents of the unadministered test;</p> <p>Substituting for another student, or permitting another student to substitute for one's self, to take a test;</p> <p>Bribing another person to obtain an unadministered test or information about an unadministered test; or</p> <p>Manipulating a test, assignment, or final course grades.</p> <p><b>“Plagiarism”</b> shall be defined as the appropriating, buying, receiving as a gift, or obtaining by any means another's work and the unacknowledged submission or incorporation of it in one's own written work.</p> <p><b>“Collusion”</b> shall be defined as the unauthorized collaboration with another person in preparing written work for fulfillment of course requirements.</p> <p>Procedures for discipline due to scholastic dishonesty shall be the same as in student disciplinary actions, except that all scholastic dishonesty actions shall be first considered and reviewed by the faculty member.</p> <p><b>For additional information please refer to: Student Policies - LC Policy Manual.</b></p> <p>The LC Policy Manual is available online and includes all Federal, State, and Local Policies applicable to the College. Students may access the LC Policy Manual through LC's website at <a href="http://www.laredo.edu">www.laredo.edu</a> (About LC/Manual of Policy).</p> |
| <p>EMERGENCY PROCEDURES:</p> <p>IN CASE OF EMERGENCY,</p> <p>From an LC phone, dial 111.<br/>From a Cell phone, dial 911.</p> <p>LC Campus Police Offices</p> <ul style="list-style-type: none"> <li>• Fort McIntosh Campus - Building P-64<br/>Room 102</li> <li>• Phone: (956) 721-5303</li> <li>• South Campus – Academic and Advanced Technology Center, Room 126</li> <li>• Phone: (956) 794-4303</li> </ul> | <p><b><u>LC Alert System:</u></b> Safety and security for LC are paramount. When an emergency arises, LC will provide the campus community with information as rapidly and as efficiently as possible. Student basic contact information is entered by the College into the LC Alert System from information supplied at registration. Students are encouraged to review and update their information upon receiving an e-mail invitation from the LC Alert Administrator. This e-mail message will be sent out at the start of the student's first semester on campus.</p> <p>Students can update their information, as needed, at <a href="http://www.laredo.edu/lccalert">http://www.laredo.edu/lccalert</a>.</p> <p><b><u>Emergencies:</u></b> In case of an emergency, contact Campus Police. Campus Police will then dispatch a police officer to the site and alert emergency personnel. If it is determined that a notification needs to</p>   |

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|                      | <p>be sent out after an emergency is reported, the notification will provide information on what to do.</p> <p>When a person calls 111 or 911, Campus Police strongly encourages the caller to provide the following information: name, the location from where they are calling, the location of the emergency, and the type of emergency. The caller is to remain on the phone with the dispatcher until emergency responders arrive.</p>   |
| DISCLAIMER:          | <p>Every attempt has been made to make the contents of this syllabus informative and accurate. Content of the syllabus is subject to revision and change in the event of extenuating circumstances. Changes will be made available to you electronically.</p>   |
| COVID-19 DISCLAIMER: | <p>For face to face and hybrid courses, the Centers for Disease Control and Prevention (CDC) Guidelines and Laredo College Health Protocols for Educational Programs/Courses will be discussed with each student on day one of class by their instructor. All students must adhere to these guidelines and protocols, including but not limited to the wearing of masks and social distancing requirement designed for the class. Daily health checks will be conducted and students are to report to their instructors any symptoms associated with COVID-19 and/or Close Contact with a confirmed positive patient with COVID-19 and/or probable secondary exposure. Instructors will then report the symptoms or Close Contact to Health &amp; Safety Operations Center at <a href="mailto:HSOC@laredo.edu">HSOC@laredo.edu</a> or 956-764-5988. Any violations of these guidelines and protocols will subject students to disciplinary action.</p> <p>If unexpected conditions relating to COVID-19 occur which require immediate action, Laredo College will respond accordingly by abiding to national, state and local governmental edicts in order to maintain the health and safety of students, faculty and staff while minimizing interruption to instruction. Courses may change from face-to-face or hybrid to an online format. Your instructor will inform you of any modifications as needed.</p> |

The updated official version of the LC Catalog is the on-line catalog and can be found at [www.laredo.edu](http://www.laredo.edu) (Admission/College Catalog).

## ADDITIONAL COURSE INFORMATION

| STUDENT RESPONSIBILITIES:  | To be completed by instructor  |
|--|--|
| <p>ONLINE TESTING INSTRUCTIONS FOR DISTANCE LEARNING COURSE</p> <p>eLearning &amp; Instructional Innovation Center (eLearning Center)<br/>Fort McIntosh Campus - Lewis Energy Academic Center Building, Room 307<br/>Phone: (956) 721-5211</p> <p>e-mail: <a href="mailto:elarning@laredo.edu">elarning@laredo.edu</a></p> <p>eHelpDesk: <a href="https://ehelpdesk.laredo.edu/home/">https://ehelpdesk.laredo.edu/home/</a></p> | <p>This course requires the use of Respondus LockDown Browser and/or Respondus Monitor to take online exams. A webcam with a microphone is also required for online exams. The webcam can be built into your computer or can be the type that plugs in with a USB cable. Watch this <a href="#">short video</a> to get a basic understanding of Respondus and the webcam feature. Then download and install Respondus from this link: <a href="#">Click Here</a></p> <p>To take an online test, start Respondus and navigate to the exam. Once the exam has started you will not be able to access your browser (Chrome, FireFox, Safari, etc.) until the exam is submitted. For additional details on using Respondus, review the <a href="#">Student Quick Start Guide (PDF)</a>.</p> <p>Finally, when taking an online exam, follow these guidelines:</p> <ul style="list-style-type: none"> <li>• Ensure you are in a location where you won't be interrupted</li> <li>• Turn off all mobile devices, phones, etc.</li> <li>• Clear your desk of all external materials — books, papers, other computers, or devices.</li> <li>• Remain at your desk or workstation for the duration of the test.</li> <li>• If a webcam is required, make sure it is plugged in or enabled before starting Respondus.</li> <li>• Respondus will prevent you from accessing other websites or applications; you will be unable to exit the test until all questions are completed and submitted.</li> <li>• If a webcam is required, you will be recorded during the test to ensure you're using only permitted resources.</li> </ul> <p>In some cases, students can take their exams in a proctored testing lab and Respondus Monitor would not be needed. However, Respondus Lockdown Browser is always required to maintain the integrity of all exams.</p> <p>For additional guidelines please visit the <a href="#">Respondus LockDown Browser</a> website.</p> <p>Students enrolled in online classes may borrow a webcam for the entire semester from the eLearning and Instructional Innovation Center. If you have problems downloading, installing, or taking a test with Respondus LockDown Browser, please go to our eHelp Desk at <a href="http://ehelpdesk.laredo.edu">http://ehelpdesk.laredo.edu</a> for assistance.</p> |
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**Laredo College**  
**Course Calendar**  
**Course Number and Course Name**  
**Semester, Year – Instructor Name**

| <b>Date Week</b> | <b>Brief Description of Topic</b>  | <b>Assignments/Examinations/ Activities with Brief Description</b>   | <b>Chapters/Reading Materials</b>   |
|------------------|--|--|---|
| 1st<br>Week 1    | Discussion of Class policies<br>Unit 1 / Chap E:<br>Units, Measurement, Problem solving  | 1 <sup>st</sup> day handout and pre-test<br>Classification of Matter and its properties; Systems of Measurements and Problem Solving Using Dimensional Analysis      | Syllabus introduction and 1 <sup>st</sup> day handout<br>Unit 1:<br>Chapter E: Problem solving                          |
| Week             | Unit 1 / Chap1:<br>Atomic no, Mass no, Mole, Classifying Matter, Subatomic particles and Isotopes  | Understand Elements and symbols using atomic number and atomic masses and the symbols of subatomic particles.<br>Adopt the unit mole<br>Quiz on Chap E               | Unit 1: Chapter 1<br>Atom   |
| Week             | Unit 1 / Chap 1: continues..<br>Unit 2 / Chap 2:<br>Quantum Model of Atoms: Waves, Particles, Quantum numbers and Orbitals   | Quiz on Chap 1<br>Explain the Quantum theory Development; The nature of light as related to electronic Structure of Atoms; Atomic spectra                            | Unit 1: Chapter 1<br>Atom<br>Unit 2: Chapter 2 : Quantum Atom   |
| Week             | Unit 2 / Chap 2: continues...  | Quiz on Chap 2   |   |
| Week             | Unit 2 / Chap 3:<br>Electronic configurations, Periodic Properties of the Elements<br>Unit 3 / Chap 4:<br>Percent composition, Empirical formula, Percent water, Writing formulas for molecules and ionic compounds, Mole concept and number of Molecules. | Study on the periodic table and the periodic Law; Electron arrangement in atoms<br>Quiz on Chap 3<br>Study the mole Concept; chemical quantities using Stoichiometry | Unit 2: Chapter 3<br>Periodic Properties of the elements<br>Unit 3: Chapter 4<br>Molecules and Compounds                |
| Week             | Unit 3 / Chap 4:<br>continues....  | Quiz on Chap 4<br>Exam I on Unit 1-2-3 (Chap1-4)   | Unit 3: Chapter 4<br>Molecules and Compounds  |
| Week             | Unit 4 / Chap 7:<br>Balancing Chemical equations, Reaction Stoichiometry, Limiting reactants, Percent yield  | The mole Concept; chemical quantities using reaction Stoichiometry; the meaning of Balancing Chemical Equation;  | Unit 4: Chapter 7<br>Chemical reactions and Chemical quantities   |
| Week             | Unit 4 / Chap 7: continues..<br>Unit 5 / Chap 8:   | Quiz on Chap 7<br>Concentration (Molarity), Types of Aqueous Reactions, Types of Electrolytes and the Solubility Rules, Net Ionic equations, Solution Stoichiometry. | Unit 4: Chapter 7<br>Chemical reactions and Chemical quantities<br>Unit 5: Chapter 8<br>Solutions and Aqueous reactions |
| Week             | Unit 5 / Chap 8: continues...  | Quiz on Chap 8   | Unit 5: Chapter 8   |

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**Course Calendar**  
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| Date Week | Brief Description of Topic   | Assignments/Examinations/ Activities with Brief Description                      | Chapters/Reading Materials   |
|-----------|--|--|--|
|           |  |  | Solutions and Aqueous reactions  |
| Week      | Unit 5 / Chap 8: continues...  | Quiz on Chap 8   | Unit 5: Chapter 8<br>Solutions and Aqueous reactions                   |
| Week      | Unit 6 / Chap 9:<br>Thermal Energy Transfer,<br>Measuring $dE_{rxn}$ in a Bomb<br>Calorimeter, Measuring $\Delta H_{rxn}$<br>in Coffee-cup Calorimeter,<br>Stoichiometry involving $dH$ ,<br>Calculating $dH_{rxn}$ from bond<br>Energy, Standard Enthalpies of<br>Formations and Using<br>Thermodynamic Data, Hess's<br>Law | Enthalpy Changes and reaction Stoichiometry;<br>Exam II on Unit 4-5 (Chap 7 & 8) | Unit 6: Chapter 9<br>Thermochemistry                                   |
| Week      | Unit 6 / Chap 9: continues...  | Quiz on Chap 9   | Unit 6: Chapter 9<br>Thermochemistry                                   |
| Week      | Unit 7 / Chap 10:<br>Properties of Gases, Density of a<br>gas, Molar mass of a gas,<br>Graham's Law of effusion, Gases<br>in Chemical reaction, Mixture of<br>gases and Partial Pressures  | Investigate properties of gases with various laws and<br>behavior of matter.     | Unit 7: Chapter 10<br>Gases  |
| Week      | Monday Easter off<br>Unit 7: Chap 10: continues...<br>Unit 8: Chap 5: Chemical<br>Bonding I:<br>Lewis structures, Molecular<br>Geometry, Polarity, VSEPR   | Quiz on Chap 10<br>Exam III on Unit 6-7 (Chap 9-10)                              | Unit 7: Chapter 10<br>Gases<br>Unit 8: Chapter 5<br>Chemical Bonding I |
| Week      | Unit 8: Chap 6: Chemical<br>Bonding II<br>Bond Hybridization, Molecular<br>Orbital theory, Valence Bond<br>Theory  | Exam IV on<br>Unit 8 (Chap 5-6)  | Unit 8: Chapter 6<br>Chemical Bonding II                               |
| Week      | Unit 8: Chap 6: Continues<br>Final Reviews   | Review and post-test   |  |
|           |  |  |  |

**Laredo College**  
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\* Schedule is subject to change.

**LAREDO COLLEGE  
COURSE SYLLABUS  
STUDENT ACKNOWLEDGEMENT FORM**

I have read and understood the information and requirements of the course syllabus for

CHEM 1311, Summer 2021.  
Course & Number Semester

\_\_\_\_\_  
Student Name (Please Print)

\_\_\_\_\_  
Palomino ID

\_\_\_\_\_  
Date

Admission into and/or graduation from a program does not guarantee employment, a particular salary level, and/or passage on any licensure examinations.

Student Signature \_\_\_\_\_

Faculty Name DR. SHEULI ZAKIA  
(Please Print)