



Syllabus
AP/IB Chemistry
Dual Credit SPC Chem 1411 & 1412 F2F
2024-2025

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Welcome to the 2024-2025 school year at Lubbock High School! I am pleased to have the opportunity to be your teacher, and am looking forward to a successful and rewarding year. The goal of Pre-AP Chemistry at Lubbock High is to furnish our students with a background that will prepare them for the rigor of college level chemistry in a challenging environment where students aspire to learn and develop critical thinking skills.

Classroom Expectations

1. Attendance, punctuality and being prepared with all materials are essential to learning.
2. Listening and following directions will enhance the learning process and ensure safety.
3. Treat individuals in a courteous and respectful manner.

Discipline will be handled in accordance with LISD policies and procedures. For more information, see the student code of conduct.

Supplies/Materials

Please come to class each day (unless otherwise directed) with the following materials:

- CHARGED Chromebook **(no personal computers)**
- 2 inch, 3-ring binder
- dividers, 1 package
- duck tape - any design
- composition notebook
- Post-It tabs
- loose leaf college ruled paper
- Pen (Blue or Black)
- Scientific calculator (does NOT have to be a graphing calculator)
- earbuds (bluetooth or can plug into chromebook)
- OPTIONAL SUPPLIES WISHLIST
 - a. 1 Box of Kleenex
 - b. 1 Roll of Paper Towels

Tutorial Times:

Days	Times	Locations
Tuesdays and Thursdays	4:10 – 4:40 pm *subject to change at the last minute	Room 1506

- I will let you know ASAP if I have to cancel Tutorials



- Any other time can be arranged by appointment only.

GRADING POLICY:

- LISD/LHS Gradebook:
 - Students will have a minimum of nine grades to a maximum of 15 grades per course each nine weeks with the grades evenly distributed throughout the grading period so that one grade is produced each week on average. No single grade shall count more than 15% of the reported grade for a grading period. Weighted grades are 30% for Summative Assessments and 70% for Formative Assessments.
 - Grades must be recorded during the nine-week period in which the work occurs. Exceptions must be approved by the campus principal. In order to allow flexibility for reteach/intervention, teachers may apply grades from the last week of the grading period to the next grading period instead of recording it on the current grading period.
- Late Work Policy:
 - The district parameters for late work will be the following:
 - Teachers must accept late work for at least five school days after the due date. Maximum point deduction within that window should be:
 - 1 day late = 10 points deducted,
 - 2 days late = 20 points deducted,
 - 3 days late = 30 points deducted,
 - 4 days late = 40 points deducted,
 - 5+ days late = maximum grade of 50 (*All IEPs and IAPs that include accommodations and/or modifications allowing for extensions to the 5 days must be followed).
 - A day is defined as the next class period the student is present.
 - School events (SA) do not count as an absence; therefore, you need to meet those due dates for all digital assignments (which is most of them).
 - A LATE FORM (Post-it note) will be attached to all late work and I will keep these for my record.
 - Missed in-class assignments (tests, quizzes, etc.) must be made up within one week or be counted late.
 - Late assignments cannot be redone, neither can those on which the student is found to have committed academic dishonesty.



Retakes

Teachers will follow LISD's grading policy regarding corrections on failing assignments and examinations. Assessments eligible for corrections can receive a maximum grade of an 80. As such, students will be expected to be prepared for any assignment presented on said calendar, even if they were previously absent. **Retakes will not be allowed after more than one week has passed so be diligent and use your time wisely!**

- Assignments on which you score less than 80% may be retaken/redone within one week for a grade up to a 80.
- Late assignments cannot be redone, neither can those on which the student is found to have committed academic dishonesty. *It is the responsibility of the student to schedule retakes.*

Classroom Communication - I will be using **thrillshare** and **Google Classroom** as communication. This is the fastest way for me to respond to your questions.

Academic Integrity

Academic integrity is a core value and students will be held to a similar level of accountability as they will encounter at the university level. Students who are discovered to be cheating through copying, stealing, plagiarizing, or sharing work **will be assigned a grade of zero on the assignment and will be referred to the office** for disciplinary action. Parents will also be notified. Students will also be held to the LHS Academic Integrity Policy (Reproduced Below). Unless students are specifically directed to work together on an assignment, **any** sharing of work will be considered cheating. Any student who has a cell phone or other electronic device out during a test, quiz or other graded assignment will be considered to be cheating.

SPC Dual Credit

Course Description: 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. Basic laboratory experiments supporting theoretical principles presented in lecture; introduction of the scientific method, experimental design, data collection and analysis, and preparation of laboratory reports. Semester Hours: 4 Lecture Hours: 3 Lab Hours: 3 Prerequisite: MATH 1314 (College Algebra) or equivalent academic preparation; high school chemistry is strongly recommended. Note: This course satisfies a **030 Life and Physical Sciences** Core Curriculum requirement.

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Credit: 4 Lecture: 3 Lab: 3



This course partially satisfies a Core Curriculum Requirement: Life and Physical Sciences Foundational Component Area (030)

Core Curriculum Objectives addressed: List the ones that apply to a core course.

- **Communications skills—to include effective written, oral and visual communication**
- **Critical thinking skills—to include creative thinking, innovation, inquiry, and analysis, evaluation and synthesis of information**
- **Empirical and quantitative competency skills—to manipulate and analyze numerical data or observable facts resulting in informed conclusions**
- **Teamwork—to include the ability to consider different points of view and to work effectively with others to support a shared purpose or goal**

Student Learning Outcomes:

From Lecture:

1. **Define the fundamental properties of matter.**
2. **Classify matter, compounds, and chemical reactions.**
3. **Determine the basic nuclear and electronic structure of atoms.**
4. **Identify trends in chemical and physical properties of the elements using the Periodic Table.**
5. **Describe the bonding in and the shape of simple molecules and ions.**
6. **Solve stoichiometric problems.**
7. **Write chemical formulas.**
8. **Write and balance equations.**
9. **Use the rules of nomenclature to name chemical compounds.**
10. **Define the types and characteristics of chemical reactions.**
11. **Use the gas laws and basics of the Kinetic Molecular Theory to solve gas problems.**
12. **Determine the role of energy in physical changes and chemical reactions.**
13. **Convert units of measure and demonstrate dimensional analysis skills.**



From Lab:

- 1. Use basic apparatus and apply experimental methodologies used in the chemistry laboratory.**
- 2. Demonstrate safe and proper handling of laboratory equipment and chemicals.**
- 3. Conduct basic laboratory experiments with proper laboratory techniques.**
- 4. Make careful and accurate experimental observations.**
- 5. Relate physical observations and measurements to theoretical principles.**
- 6. Interpret laboratory results and experimental data, and reach logical conclusions.**
- 7. Record experimental work completely and accurately in laboratory notebooks and communicate experimental results clearly in written reports.**
- 8. Design fundamental experiments involving principles of chemistry.**
- 9. Identify appropriate sources of information for conducting laboratory experiments involving principles of chemistry.**

Student Learning Outcomes Assessment: Selected exam questions will be used to determine the extent of mastery of selected topics.

Dropping a Course: Students may drop courses through Texan Connect, the Admissions and Records Office, or Advising and Testing Center through the late registration period.

After late registration has closed, a student must complete the online Student Initiated Drop Request to drop a course.

Students may also drop courses in person at any campus location by completing a Student Initiated Drop Form. Complete a Student Initiated Drop Form and return the signed form to the Levelland Admissions and Records Office, the Student Support Center at the Lubbock Downtown Center, the Lubbock Career and Technical Center, or Plainview Center. You must have a picture ID to complete the drop.

A mark of “W” will be given for student-initiated drops that occur prior to and through the last day to drop as indicated in the online Academic Calendar found here:

<https://www.southplainscollege.edu/academiccalendar/index.php>.

Syllabus Statements: For information about Artificial Intelligence, Disabilities, Non-Discrimination, Intellectual Exchange, Title IX Pregnancy Accommodations, CARE (Campus Assessment, Response, and Evaluation) Team, Campus Concealed Carry, and COVID-19, please use this link:

<https://www.southplainscollege.edu/syllabusstatements/>.



Plagiarism and Cheating: Students are expected to do their own work on all projects, quizzes, assignments, examinations, and papers. Failure to comply with this policy may result in an F for the assignment and can result in an F or X for the course, if circumstances warrant.

Plagiarism violations include, but are not limited to, the following:

1. Submitting work that has been purchased, borrowed, or downloaded from another student or an online term paper site.
2. Cutting and pasting together information from books, articles, other papers, or online sites without providing proper documentation;
3. Using direct quotations (three or more words) from a source without showing them to be direct quotations and citing them; or
4. Missing in-text citations.
5. Violating the Artificial Intelligence policy, as outlined in the syllabus. For more information on AI, please reference this in the syllabus statements:

<https://www.southplainscollege.edu/syllabusstatements/>

Cheating violations include, but are not limited to, the following:

1. Obtaining an examination by stealing or collusion;
2. Discovering the content of an examination before it is given;
3. Using an unauthorized source of information (notes, textbook, text messaging, internet, apps) during an examination, quiz, or homework assignment;
4. Entering an office or building to obtain unfair advantage;
5. Taking an examination for another;
6. Altering grade records;
7. Copying another's work during an examination or on a homework assignment;
8. Rewriting another student's work in Peer Editing so that the writing is no longer the original student's;
9. Taking pictures of a test, test answers, or someone else's paper.

No Extra credit assignments will be assigned at this time.



Lubbock High School Academic Integrity Policy

Definitions - Each student will be asked to sign an Honor Code that defines the major forms of academic dishonesty and the consequences for participating in any of these acts. Listed below are the definitions of the different types of academic dishonesty. The list is not exhaustive and other forms of academic dishonesty exist.

- **Cheating** includes, but is not limited to:
 - copying from another student's test paper, project, or other assignment;
 - use or possession of materials that are not authorized by the person giving the test, project, or other assignment, including but not limited to class notes, calculators, electronic devices, and specifically designed cheat sheets, textbooks, cell phones or other electronic devices, etc.;
 - providing aid or assistance to or receiving aid or assistance from another student or individual, without authority, in conjunction with a test, project, or other assignment;
 - discussing the contents of a test with another student who will take the test;
 - using, buying, stealing, transporting, soliciting, or coercing another person to obtain answers to or information about a test, project, or other assignment before it is assigned.
 - Use of material that provides one student an advantage over another. Example: Providing a graded quiz to another student to use on an upcoming quiz [one period to the next].
- **Plagiarism: representing as your own work any material that was obtained from another source, regardless how or where you acquired it.**
 - Borrowed material from written works can include entire papers, one or more paragraphs, single phrases, or any other excerpts from a variety of sources such as books, journal articles, magazines, downloaded Internet documents, purchased papers from commercial writing services, papers obtained from other students (including homework assignments), etc.
 - By merely changing a few words or rearranging several words or sentences, you are not paraphrasing. Making minor revisions to borrowed text amounts to plagiarism. Even if properly cited, a "paraphrase" that is too similar to the original source's wording and/or structure is, in fact, plagiarized.
- **Collusion: working with another person on an assignment for credit *without the instructor's explicit permission to do so.***
- **Misrepresenting Facts:** providing false information to postpone an exam or obtain an extended deadline for an assignment and lying on applications for awards or other non-class-related activities that affect your high school diploma or transcript (ex: NHS points, CAS for IB students).
- **Multiple Submissions:** submitting essentially the same written assignment for two courses without authorization to do so.
***Definitions are from the University of Texas' Academic Integrity webpage.*

Consequences - There are three levels of consequences which escalate with each subsequent infraction. The levels will **follow a student throughout their high school career** at Lubbock High School, across content areas.



First Offense:

- The student receives a zero for the assignment
- Parents will be contacted by the teacher.
- Academic Dishonesty Referral submitted to principal. Principal logs the first offense for cheating and warns the student about the cheating policy and consequences.

Second Offense:

- Same as first offense, plus:
- Three days of ISS.
- The student becomes ineligible for the National Honor Society and any elected position, including, but not limited to, class officer, student council officer, teen of the month, All Westerner, Who's Who, Cheerleader, Rough Rider, etc. If a second offense occurs prior to the student's Junior year, the student is not eligible for admission to the IB program. Sponsors of organizations are responsible for submitting candidates to the alpha teams to determine eligibility based on the student's discipline record, which will include Academic Dishonesty Referrals.

Third Offense:

- Same as first offense, plus:
- The student is immediately removed from all weighted classes, if applicable. For applicable 9th-11th graders, transfer to Lubbock High School is revoked at the end of the year. For seniors, the counselor will report repeated infractions to the other counselors and the student's current teachers. In addition, the student will be ineligible for Honor or High Honor Graduate status.
- Student is suspended for one day and will be assigned 5 days of ISS.

For a complete copy of the policy, please go to the Lubbock High School website.

It is your responsibility as a student to understand these guidelines and consequences. My door is open to anyone who needs to talk to me before and after school. I encourage you to take me up on this offer. Again, I look forward to the opportunity to be your teacher this year. Welcome to my classroom!!!



LHS Academic Integrity Policy Acknowledgement

Please circle your class period: **1st 2nd 3rd 4th 5th 6th 7th**

Please initial

_____ I have read and understand the tutorials policy.

_____ I have read and understand the LHS Grading Policy.

_____ I have read and understand the Late Work Policy.

_____ I have read and understand the RETAKE policy.

_____ I have read and understand the ACADEMIC INTEGRITY POLICY for Lubbock High.

_____ (student's name) has shared this policy statement with me, and I have read, understand and accept their responsibilities for Pre-AP Chemistry, including the policies about grading, make-up and late work, and absences. I am also aware of the definitions, procedures, and consequences set forth by the Lubbock High School Academic Integrity Policy.

Please Sign in Ink:

_____ Student's printed name

_____ Student's signature

_____ Date

_____ Parent/Guardian's printed name

_____ Parent/Guardian's signature

_____ Date

_____ Parent/Guardian's email address

_____ Parent/Guardian's contact number(s) – Please indicate cell, home, etc.

Preferred contact method (circle one): **home phone cell phone email any/all**

Please note that failure or refusal to sign this statement by the student or parent does not relieve a student from the expectations or consequences set forth within the Academic Integrity Policy or the syllabus for this class.