General Chemistry I Lab
CHEM 1111

Course Syllabus & Class Addendum
Fall 2024

Instructor Contact Information

Instructor	Conor Smith	
Email	casmith4@lit.edu	
Office Location	MPC 238	
Office Hours	Monday - Thursday:	9 am – 4 pm
	Friday:	10 am – 12 pm

CHEM 1111 Course Objectives

Upon the completion of this course students should be able but not limited to:

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.

Course Requirements/ Evaluation

1.	Safety Agreement / Assignment	5%
2.	Lab Reports	60%
3.	Common CORE Assignment	15%
4.	Final Exam	20%

Grade Scale

90 – 100	A
80 – 89	B
70 – 79	C
60 – 69	D
0 – 59	F

Required Materials

1. Required Textbook: OpenStax, Chemistry 2e
   - free to access and use through blackboard and the OpenStax
2. Scientific Calculator

Course Schedule (subject to change)

Week	Dates (Mon-Sun)	Lab
Week 1	Aug 26 – Sep 1	Safety
Week 2	Sep 2 – Sep 8	Density
Week 3	Sep 9 – Sep 15	Nomenclature
Week 4	Sep 16 – Sep 22	Cation-Anion
Week 5	Sep 23 – Sep 29	Percent Composition
Week 6	Sep 30 – Oct 6	Definite Composition
Week 7	Oct 7 – Oct 13	Replacement Reactions
Week 8	Oct 14 – Oct 20	Calorimetry
Week 9	Oct 21 – Oct 27	Copper Reaction Series
Week 10	Oct 28 – Nov 3	VSEPR
Week 11	Nov 4 – Nov 10	Titration
Week 12	Nov 11 – Nov 17	Dry Lab Makeup
Week 13	Nov 18 – Nov 24	**CORE Assignment**
Week 14	Nov 25 – Dec 1	Help Session / Lab Review
Week 15	Dec 2 – Dec 8	**Final Exam**
Week 16	Dec 9 – Dec 11	----------

TECHNICAL REQUIREMENTS

The latest technical requirements, including hardware, compatible browsers, operating systems, etc. can be online at https://lit.edu/online-learning/online-learning-minimum-computer-requirements. A functional broadband internet connection, such as DSL, cable, or WiFi is necessary to maximize the use of online technology and resources.

DISABILITIES STATEMENT

The Americans with Disabilities Act of 1990 and Section 504 of the Rehabilitation Act of 1973 are federal anti-discrimination statutes that provide comprehensive civil rights for persons with disabilities. LIT provides reasonable accommodations as defined in the Rehabilitation Act of 1973, Section 504 and the Americans with Disabilities Act of 1990, to students with a diagnosed disability. The Special Populations Office is located in the Eagles' Nest Room 129 and helps foster a supportive and inclusive educational environment by maintaining partnerships with faculty and staff, as well as promoting awareness among all members of the Lamar Institute of Technology community. If you believe you have a disability requiring an accommodation, please contact the Special Populations Coordinator at (409)-951-5708 or email specialpopulations@lit.edu. You may also visit the online resource at Special Populations - Lamar Institute of Technology (lit.edu).

STUDENT CODE OF CONDUCT STATEMENT

It is the responsibility of all registered Lamar Institute of Technology students to access, read, understand and abide by all published policies, regulations, and procedures listed in the *LIT Catalog and Student Handbook*. The *LIT Catalog and Student Handbook* may be accessed at www.lit.edu. Please note that the online version of the *LIT Catalog and Student Handbook* supersedes all other versions of the same document.

ARTIFICIAL INTELLIGENCE STATEMENT

Lamar Institute of Technology (LIT) recognizes the recent advances in Artificial Intelligence (AI), such as ChatGPT, have changed the landscape of many career disciplines and will impact many students in and out of the classroom. To prepare students for their selected careers, LIT desires to guide students in the ethical use of these technologies and incorporate AI into classroom instruction and assignments appropriately. Appropriate use of these technologies is at the discretion of the instructor. Students are reminded that all submitted work must be their own original work unless otherwise specified. Students should contact their instructor with any questions as to the acceptable use of AI/ChatGPT in their courses

STARFISH

LIT utilizes an early alert system called Starfish. Throughout the semester, you may receive emails from Starfish regarding your course grades, attendance, or academic performance. Faculty members record student attendance, raise flags and kudos to express concern or give praise, and you can make an appointment with faculty and staff all through the Starfish home page. You can also login to Blackboard or MyLIT and click on the Starfish link to view academic alerts and detailed information. It is the responsibility of the student to pay attention to these emails and information in Starfish and consider taking the recommended actions. Starfish is used to help you be a successful student at LIT.

Additional Course Policies/Information

1. Safety glasses must be worn at all times in the chemistry laboratory, no exceptions.

2. Students are expected to stay for the full duration of the lab period or until all data is taken, calculations are performed, and the lab assignment is turned in. Reports are to be neat and complete. DO NOT USE RED INK. Corrections should be made by a single line through the incorrect data and the correction entered next to the old data.

3. Safety rules must always be abided by. Any student who continually breaks the safety rules will be removed from the class to ensure the safety of the other students in the class.

4. Clean up the workstation and the glassware used during the experiment. Points will be deducted for poor laboratory habits and leaving dirty glassware and dirty workstation behind.

5. No food, drinks, or use of tobacco products in lab is permitted at any time.

6. Children are not allowed in the laboratory at any time.

7. All late work will be subjected to a late penalty (typically 10 points) unless in exceptional circumstances. Final exams cannot be submitted late.

8. Attendance in lab is mandatory. There is no make-up for missed wet labs, missed wet labs will result in a grade of zero (0) except in exceptional circumstances, proof is required. At the end of the semester, three missed labs (grades of 0) will result in an automatic failing grade (F) for the course.

9. Students will not be automatically dropped from the class due to poor attendance or grades. Discontinuing class attendance without properly submitting a drop request will result in a failing grade (F). If you wish to drop a course, the student is responsible for initiating and completing the drop process.

10. It shall be considered a breach of academic integrity to collaborate with other students during any/all examinations completed throughout the class (i.e. complete tests/questions as a group). Examinations cannot be submitted after correct answers are revealed to the class to ensure academic integrity.

    1st Offense: The exam will be taken from the student and the student will receive a grade of ZERO (0) for the exam which will be averaged into the student's class average and there will be NO MAKEUP of the test.

    2nd Offense: The student will be removed from the class and will receive a grade of FAILING (F) for the entire lecture and lab grade.

11. Students with allergies, special needs and/or medical emergencies or situations should communicate with their instructor regarding individual exceptions/provisions. It is the student's responsibility to communicate such needs to the instructor.

Check LIT calendar for important dates & holidays