



Introductory Chemistry I Lecture
CHEM 1306 - Online

Course Syllabus & Class Addendum

Instructor Contact Information

Instructor	Conor Smith
Email	casmith4@lit.edu
Office Location	MPC 238
Office Hours	M – F: 8 am – 1 pm

CHEM 1306 Course Objectives

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

1. Define the fundamental properties of matter (mass, volume, and density...)
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 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. Identify general characteristics of organic compounds

Lecture Course Requirements/ Evaluation

1. Lecture Videos	5 %
2. Discussion Boards	5 %
3. ALEKS Homework	25 %
4. Common CORE Assignment	10 %
5. Test 1	10 %
6. Test 2	10 %
7. Test 3	10 %
8. Final Exam	25 %

Grade Scale

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

Required & Supplementary Materials

1. OpenStax Chemistry 2e Textbook (free access through blackboard or OpenStax website)
2. Scientific Calculator

Course Schedule (subject to change)

Week	Date	Topic	Assignments	Due Date (11:59 PM)
1	Jun 3 – Jun 9	Module 1: Essential Ideas	Module 1 Lecture Videos Discussion 1 Module 1 ALEKS HW	6/9 6/9 6/9
2	Jun 10 – Jun 16	Module 2: Atoms, Ions & Molecules	Module 2 Lecture Videos Discussion 2 Module 2 ALEKS HW	6/16 6/16 6/16
3	Jun 17 – Jun 23	Module 3: Chemical Composition	Module 3 Lecture Videos Module 3 ALEKS HW	6/23 6/23
4	Jun 24 – Jun 30	Module 4: Stoichiometry	Test 1 (Modules 1, 2, 3) Module 4 Lecture Videos Discussion 3 Module 4 ALEKS HW	6/24 6/30 6/30 6/30
5	Jul 1 – Jul 7	Module 5: Chemical Bonding	Module 5 Lecture Videos Discussion 4 Module 5 ALEKS HW	7/7 7/7 7/7
6	Jul 8 – Jul 14	Module 6: Gases	Module 6 Lecture Videos Module 6 ALEKS HW	7/14 7/14
7	Jul 15 – Jul 21	Module 7: Solutions	Test 2 (Modules 4, 5, 6) Module 7 Lecture Videos Discussion 5 Module 7 ALEKS HW	7/15 7/21 7/21 7/21
8	Jul 22 – Jul 28	Module 8: Acids & Bases	Module 8 Lecture Videos Module 8 ALEKS HW CORE Assignment	7/28 7/28 7/28
9	Jul 29 – Aug 4	Module 9: Organic Chemistry	Module 9 Lecture Videos Module 9 ALEKS HW	8/4 8/4
10	Aug 5 – Aug 9	Final Exam	Test 3 (Modules 7, 8, 9) Final Exam (All modules)	8/5 8/9

Additional Course Policies/Information

1. Each unit has assigned homework problems through ALEKS. Communication is KEY, if there are any issues, please contact me ASAP so we can find a solution.
2. Makeup work may only be made up at the instructor's discretion. It is the responsibility of the student to contact the instructor as soon as possible to arrange for makeup work.
3. 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. If you stop coming to class and fail to drop the course, you will earn an 'F'.
4. It shall be considered a breach of academic integrity (cheating) to use or possess on your body any of the following devices during any examination unless it is required for that examination and approved by the instructor:
 - Cell phone
 - smart watch
 - laptop
 - tablet
 - electronic communication devices (including optical)
 - earphones connected to or used as electronic communication devices.

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.

Students with 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.

Please check LIT calendar for important dates & holidays