General Chemistry (CHEM 1311)
Lecture

Course Syllabus & Class Addendum

Instructor Contact Information

Instructor	Conor Smith
Email	casmith4@lit.edu
Office Location	MPC 238
Office Hours	M – R: 9 am – 4 pm F: 9 am – 12 pm

CHEM 1311 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.	ALEKS Homework	30%
2.	Common CORE Assignment	15%
3.	Test 1	10%
4.	Test 2	10%
5.	Test 3	10%
6.	Final Exam	25%

Grade Scale

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

Required Materials

1. OpenStax Chemistry 2e Textbook (free to access and use through blackboard)
2. Scientific Calculator

Course Schedule (subject to change)

Week	Dates (Mon-Sun)	Topic	Assignments	Due Date (11:59 PM)
Week 1	Jan 15 – Jan 21	Chapter 1: Essential Ideas	Chapter 1 ALEKS HW	1/28
Week 2	Jan 22 – Jan 28	Chapter 2: Atoms, Ions, Molecules	Chapter 2 ALEKS HW	2/4
Week 3	Jan 29 – Feb 4			
Week 4	Feb 5 – Feb 11	Chapter 3: Chemical Composition	Chapter 3 ALEKS HW Test 1 Review	2/9 2/11
Week 5	Feb 12 – Feb 18	Chapter 4: Reaction Stoichiometry	**Test 1 (CH 1, 2, 3)** Chapter 4 ALEKS HW	**2/12** 2/25
Week 6	Feb 19 – Feb 25			
Week 7	Feb 26 – Mar 3	Chapter 5: Thermochemistry	Chapter 5 ALEKS HW	3/3
Week 8	Mar 4 – Mar 10	Chapter 6: Electronic Structure	----------	
Week 9	Mar 11 – Mar 17	SPRING BREAK	----------	
Week 10	Mar 18 – Mar 24	Chapter 6: Electronic Structure	Chapter 6 ALEKS HW Test 2 Review	3/22 3/24
Week 11	Mar 25 – Mar 31	Chapter 7: Chemical Bonding	**Test 2 (CH 4, 5, 6)** Chapter 7 ALEKS HW	**3/25** 4/7
Week 12	Apr 1 – Apr 7			
Week 13	Apr 8 – Apr 14	Chapter 8: Advanced Chemical Bonding	Chapter 8 ALEKS HW	4/14
Week 14	Apr 15 – Apr 21	Chapter 9: Gases	**CORE Assignment** Chapter 9 ALEKS HW Test 3 Review	**4/24** 4/26 4/28
Week 15	Apr 22 – Apr 28			
Week 16	Apr 29 – May 5	Review	**Test 3 (CH 7, 8, 9)**	**4/29**
Week 17	May 6 – May 10	Final Exam	Final Exam Review **Final Exam – 5/6**	5/5 **5/6**

Additional Course Policies/Information

1. Each unit has assigned homework problems through ALEKS. Homework due dates will be discussed in class as well as being posted on ALEKS and blackboard. 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. During class time, all electronic devices need to be turned to silent or off, unless prior approval has been given by instructor to have them set to vibrate.
5. 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 FAILING grade (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.
6. No food, drinks, or use of tobacco products in class.
7. Attendance in class is vital to understanding chemistry. If an absence is unavoidable, arrange with the instructor to attend another session of the class. If you are absent, it is your responsibility to obtain copies of at least two other student's notes and rewrite them in your notebook. If you need further assistance, please sit up an appointment with the instructor for a tutoring session. Excessive unexcused absences (per instructor's discretion) will result in a ten points deduction from the final semester grade.

Check LIT calendar for important dates & holidays