

4. Homework: Graded homework assignments will be passed out throughout the course. In addition, there are also suggested homework problems from the textbook that will not be collected. However, the best way to learn chemistry is to try and apply what you've learned, and homework problems are a great way to test your mastery.
5. Laboratory: There is an accompanying laboratory portion for this class, which meets two days a week. You must attend the laboratory as well as the lecture in order to receive credit for this class. It is expected that you will take the laboratory seriously and try as hard to do your best in the lab as you do in the lecture. The laboratory portion will be covered and graded by a graduate student teaching assistant who will report to me.
6. You are responsible for all announcements made in class, whether you are present or not.
7. Disability: If you have a documented disability from the Disability Services office, please discuss academic accommodations with me as soon as possible.
8. Conduct Code: All aspects of the student conduct code are expected to be followed without any prompting or reminder from the instructor. This especially pertains to instances of cheating, both in the lecture and laboratory portions of the course, which will NOT be tolerated at all by this instructor. The Chemistry Department's policy is:
Any student caught cheating will be assigned a course grade of F. The student's academic advisor will be notified of this failing grade and the student will not be allowed to drop the course.
Additionally, the UAF Honor Code states that
Students will not collaborate on any quizzes, in-class exams, or take-home exams that will contribute to their grade in a course, unless permission is granted by the instructor of the course. Only those materials permitted by the instructor may be used to assist in quizzes and examinations. Students will not represent the work of others as their own. A student will attribute the source of information not original with himself or herself (direct quotes or paraphrases) in compositions, theses, and other reports. No work submitted for one course may be submitted for credit in another course without the explicit approval of both instructors. Violations of the Honor Code will result in a failing grade for the assignment and, ordinarily, for the course in which the violation occurred. Moreover, violation of the Honor Code may result in suspension or expulsion.
Note also that you should have all cell phones turned off and put away during class, and that I will not hesitate to confiscate them for the class period if they are a distraction or disruption.
9. Course grade: Your grade will be determined by your score on the items on the next page. A standard grading scale (90% and above = A, 80-89.4% = B, 70-79.4% = C, 60-69.4% = D) is expected to be used.

Assistance:

I want you to do well and learn as much as possible in this course. Please do not hesitate to drop by my office with questions or for help with assignments, or to send me correspondence by email/Blackboard as needed. Your laboratory teaching assistant is also an excellent source of assistance

Course Point Distribution:

Homework (8 @ 12.5 pts each)	100 points
Exams (3 @ 100 points each)	300 points
Lab Reports	100 points
Final Exam (100 points)	100 points
Total Points	600 points

A description of each of the components is given below.

Homework:

(17% of total grade)

There will be a total of 8-13 short homework assignments in the course, given at the end of one class period and usually due at the beginning of the next class period. The best eight homework assignments will count towards your final grade, which means you will be able to drop your worst homework grades if you hand in more than 8 homework assignments. Late homework WILL NOT be accepted under any circumstances.

You are free to, and I encourage to, work on the homework with others. However, the material you turn in must be yours – written by you in your words. Any case of plagiarism (the direct copying of someone else's work) is a violation of the academic code and will be treated accordingly. Additionally you will need to understand the homework in order to do well on the exams.

Exams:

(50% of total grade)

There are three in-class exams which will cover the material discussed previously, and the sections that will be covered on the exam will be announced in class/on Blackboard several days beforehand so that you can best prepare for the exam. The exams will be part multiple choice, part fill in the blank/matching, and part short answer / problem solving. The best way to prepare for an exam is to read over your notes as well as your homework, to try the homework problems in the book, and most of all to UNDERSTAND the material. Pure MEMORIZATION of the material or of the answers to homework problems will most likely **not** earn you a high grade on the exam.

Lab Reports::

(17% of total grade)

The laboratory component of this course comprises of eleven experiments, each with a lab report that will be graded and returned by the teaching assistant. Only the best 10 laboratory reports are used in calculating your final grade. Note that if you hand in less than eight laboratory reports, you will automatically fail the course, no matter what your grade from the lecture portion is. Also you need to be present and actually carry out the experiment in order for a report to be accepted/graded. Due to the compressed schedule, there will be no make-up labs and you should not plan on missing any of the lab days. Late reports are highly discouraged and significant point deductions will be assessed for late reports.

During the first week of labs, there will be a safety review. Your attendance for this is mandatory, and you will not be allowed to carry out any experiments unless you were present for this safety review.

Final Exam:

(17% of total grade)

There is a cumulative final exam, given on the last day of the course. The format will resemble that of the three in-class exams, as will the material. There will be some questions on the new material learned since Exam III included on the final exam.

Tentative Class Schedule*

Week 1 (May 26 th to 29 th)			
Tues.	May 26 th	Scientific method, Measurements	1.1 – 1.4
Weds.	May 27 th	Conversions, Matter, Energy	1.5 – 1.9
Thurs.	May 28 th	Matter and Atoms	2.1 – 2.4
Fri.	May 29 th	Periodic Table, Electron Configuration	2.5 – 2.8
Week 2 (June 1 to 5 th)			
Mon.	June 1 st	Octet Rule, Cations and Anions	4.1 – 4.3
Tues.	June 2 nd	Ionic and Covalent Bonds	4.4 – 4.6
Weds.	June 3 rd	Covalent Bonds, Resonance	4.7 – 4.9
Thurs.	June 4 th	VSEPR, polarity	4.10 – 4.11
Fri.	June 5 th	EXAM I	
Week 3 (June 8 th to 12 th)			
Mon.	June 8 th	Reactions, MWs, and Moles	5.1 – 5.3
Tues.	June 9 th	Balancing Chemical Reactions	5.4 – 5.5
Weds.	June 10 th	Ionic Equations, Redox Chemistry	5.6 – 5.7
Thurs.	June 11 th	Heat of Reaction	5.8
		Gases	6.1 – 6.3
Fri.	June 12 th	Gases (cont'd)	6.4 – 6.7
Week 4 (June 15 th to 19 th)			
Mon.	June 15 th	Liquids, Solids	6.8 – 6.9
Tues.	June 16 th	Phase changes	6.10
Weds.	June 17 th	EXAM II	
Thurs.	June 18 th	Solutions	7.1 – 7.4
Fri.	June 19 th	Concentrations	7.5
Week 5 (June 22 nd to 26 th)			
Mon.	June 22 nd	Water, colloids	7.6 – 7.8
Tues.	June 23 rd	Reaction rates	8.1 – 8.4
Weds.	June 24 th	Equilibrium	8.5 – 8.8
Thurs.	June 25 th	Acids and Bases- Definitions	9.1 – 9.3
Fri.	June 26 th	Predicting Acid-Base Reactions	9.4 – 9.5
Week 6 (June 29 th to July 1 st)			
Mon.	June 29 th	EXAM III	
Tues.	June 30 th	Properties of Acids and Bases	9.6 – 9.8
Weds.	July 1 st	FINAL EXAM	

* though the exact day in which a topic is discussed may change, the exams will be on the days they are shown on the schedule (they will not be moved)