

General Chemistry 101 - Spring 2013

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Lecture M/W/F 8:15-9:05 a.m. Cudahy Hall-207 (Sect 001)

Discussion Tue 11:30-12:45 p.m. Cuneo Hall-002 (Sect 003)
 Tue 2:30-3:45 p.m. Mundelein-204 (Sect 002)

Office Hours Mon & Wed 2:00 p.m. – 3:30 p.m.

Required Text: Brown, LeMay, Bursten, Murphy, Woodward Chemistry-The Central Science 12th Ed.
 ISBN 978-0-321-69672-4

1. *Exam Dates (subject to change):*

Friday, February 8, 2013:	Mid-term Exam 1
Friday, March 15, 2013:	Mid-term Exam 2
Friday, April 12, 2013:	Mid-term Exam 3
Monday, May 6, 2013:	Final Exam, 9:00-11:00 a.m.

2. *Exams and Grading:*

There are three 50-minute mid-term exams and one 2-hour final exam. The lowest of the three mid-term exams will be dropped. If you miss an hourly exam, that is the exam that will be dropped. No make-up mid-term exams will be given under any circumstances. The final exam is cumulative and cannot be dropped. A calculator

MasteringChemistry Homework	50 points
Discussion	48 points
Mid-term exam	100 points (Best two out of three mid-term exams)
Mid-term exam	100 points
<u>Final Exam</u>	<u>150 points</u>
TOTAL	448 points

You must bring a form of photo identification, such as your Loyola Student ID or your driver's license, with you to the exam. During exams, you will be required to leave your books, backpacks, notebooks, etc. at the front of the room. All exams are closed book and closed notes unless otherwise noted. When you are finished with your exam, please bring your completed exam to the front, and leave the room quietly without disturbing the other students.

Exams will be graded and returned to you as quickly as possible, usually by the following week. All grading questions, points of clarification, and grading errors must be brought to the instructor's attention during office hours no later than one week after return of the exam.

The grading scale used to determine letter grades are as follows: **A** 100 – 93, **A-** 92 – 86, **B+** 85 – 82, **B** 81 – 78, **B-** 77 – 74, **C+** 73 – 70, **C** 69 – 65, **C-** 64 – 62, **D** 61 – 50, **F** < 50.

3. *MasteringChemistry Homework (ZOSNERCHEM101-SPRING2013)*: There will be MasteringChemistry homework sets for each chapter we cover, for a total of 60 points. Only 50 points will count towards your final grade. Any points earned over 50 will be counted as extra credit.
4. *Discussion*: The discussion section will be devoted to working on discussion hand-outs and answering questions regarding homework problems. *Attendance and participation are mandatory and worth 4 points per class*. There are 14 discussion classes, but you will receive attendance points for 12 classes. If you miss a class, you will not be able to make up any lost points. If you attend ALL 14 classes, you will earn 8 extra credit points.
5. *Blackboard Materials*: Handouts given in class will be mirrored on Blackboard.
6. *Academic Honesty*: All students in this course are expected to have read and abide by the demanding standard of personal honesty, drafted by the College of Arts & Sciences, that can be viewed at:
http://www.luc.edu/cas/pdfs/CAS_Academic_Integrity_Statement_December_07.pdf
Anything that you submit that is incorporated as part of your grade in this course (*e.g.* quiz, examination, homework, lab report) must represent your own work. Any students caught cheating will, at the very minimum, receive a grade of “zero” for the exam that was submitted and this grade cannot be dropped. If the cheating occurred during a course exam, the incident will be reported to the Chemistry Department Chair and the Office of the CAS Dean. Depending on the seriousness of the incident, additional sanctions may be imposed.
7. *Office Hours*: My office door will be open per the times listed. Please use this time to if you have extra questions regarding this course. If you are unavailable to meet at the listed times, please feel free to email me with any questions. However, if you email me at night (after 6:00 p.m.), on weekends, or during holiday breaks I will respond to your email within 12 hours.
8. *Students with Disabilities Policy*: Eligibility for services is determined on an individual basis based on documented need. Self-disclosure and the submission of documentation can be initiated anytime during the year. However, reasonable time must be allowed before the student can expect accommodations to be in place. Self-disclosure and documentation are required only if students plan to request accommodations. Students should provide information and documentation at a reasonably early date to allow time for the development and arrangement of appropriate accommodations. In some cases, several weeks’ advance arrangement is needed. Accommodations cannot be retroactive. Accommodations begin only after documentation is received and reasonable time for accommodation development has been allowed.
<http://www.luc.edu/sswd/index.shtml>

General Chemistry 101 Tentative Lecture Schedule (subject to change)

1-14	1	Introduction: Matter and Measurement
1-16	1	Introduction: Matter and Measurement
1-18	1	Introduction: Matter and Measurement
1-21	--	<i>Martin Luther King Day</i>
1-23	2	Atoms, Molecules, and Ions
1-25	2	Atoms, Molecules, and Ions
1-28	2	Atoms, Molecules, and Ions
1-30	3	Stoichiometry: Calculations with Chemical Formulas and Equations
2-1	3	Stoichiometry: Calculations with Chemical Formulas and Equations
2-4	3	Stoichiometry: Calculations with Chemical Formulas and Equations
2-6	3	Stoichiometry: Calculations with Chemical Formulas and Equations
2-8	--	EXAM I (Chapters 1-3 or as announced)
2-11	4	Reactions in aqueous media
2-13	4	Reactions in aqueous media
2-15	4	Reactions in aqueous media
2-18	4	Reactions in aqueous media
2-20	5	Thermochemistry
2-22	5	Thermochemistry
2-25	5	Thermochemistry
2-27	5	Thermochemistry
3-1	6	Electronic Structure of Atoms
3-4	--	<i>Spring Break</i>
3-6	--	<i>Spring Break</i>
3-8	--	<i>Spring Break</i>
3-11	6	Electronic Structure of Atoms
3-13	7	Periodic Properties of the Elements
3-15	--	EXAM II (Chapters 4-6 or as announced, cumulative)
3-18	7	Periodic Properties of the Elements
3-20	7	Periodic Properties of the Elements
3-22	8	Basic Concepts of Chemical Bonding
3-25	8	Basic Concepts of Chemical Bonding
3-27	8	Basic Concepts of Chemical Bonding
3-29	--	<i>Easter Holiday</i>
4-1	--	<i>Easter Holiday</i>
4-3	9	Molecular Geometry and Bonding Theories
4-5	9	Molecular Geometry and Bonding Theories
4-8	9	Molecular Geometry and Bonding Theories
4-10	10	Gases
4-12	--	EXAM III (Chapters 7-9 or as announced, cumulative)
4-15	10	Gases
4-17	10	Gases
4-19	11	Liquids and Intermolecular Forces
4-22	11	Liquids and Intermolecular Forces
4-24	11	Liquids and Intermolecular Forces
4-26	--	Review for Final
5-6	--	FINAL EXAM CUMULATIVE 9:00-11:00 a.m.