

General Chemistry 101 - Summer 2013

Zachary Osner, PhD
 Flanner Hall 200A, Loyola University
 zosner@luc.edu

Lecture M/W/F 8:30 – 11:20 a.m. Flanner Hall 133

Office Hours Mon & Wed 1:00 – 2:00 p.m.

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

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

Wednesday, May 29, 2013:	Mid-term Exam 1
Monday, June 10, 2013:	Mid-term Exam 2
Friday, June 21, 2013:	Mid-term Exam 3
Friday, June 28, 2013:	Final Exam, 9:00-11:00 p.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.

MasteringChemistry Homework	50 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	400 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. Calculators may be used during examinations. Calculators may not be shared and their cases or covers must be removed. Cell phones may not be used as calculators during examinations.

Therefore, they may not be physically present during examinations. 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. Each exam MUST be signed and this signature will be taken as a statement of honest, independent work. 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 class. 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 is 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 (MCOSNERCHEM101SUMMER):* There will be three MasteringChemistry homework sets each week, for a total of 120 points. Only 100 points will count towards your final grade. Any points over 100 will be counted as extra credit. Each week's assignment will be available

Monday after class, and be due the following Sunday by 11:59 p.m.

4. *Blackboard Materials*: Handouts given in class will be mirrored on Blackboard.

5. *Academic Honesty*: For this course, all exams are closed book and closed note. Academic dishonesty includes using notes or books during exams, looking at another student's test during the exam period, or talking during an exam. The consequence of academic dishonesty ranges from: is failure of the exam (which cannot be dropped), and the incident will be reported to the Chemistry Department Chair and the Office of the Dean to failure of the course. Additional sanctions including expulsion from the university may be imposed. The Undergraduate Handbook contains a complete description of the University policy regarding academic dishonesty.

6. *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.

7. *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)

5-20	1	Introduction: Matter and Measurement
5-22	2	Atoms, Molecules, and Ions
5-24	3	Stoichiometry: Calculations with Chemical Formulas and Equations
5-27	--	<i>Memorial Day (no class)</i>
5-29	4	EXAM I (chapters 1 – 3) Reactions in Aqueous Solution
5-31	4	Reactions in Aqueous Solution
6-3	5	Thermochemistry
6-5	5/6	Thermochemistry/Electronic Structure of Atoms
6-7	6	Electronic Structure of Atoms
6-10	7	EXAM II (chapters 4 – 6) Periodic Properties of the Elements
6-12	7/8	Periodic Properties of the Elements/Basic Concepts of Chemical Bonding Theories
6-14	8	Basic Concepts of Chemical Bonding
6-17	9	Molecular Geometry and Bonding Theories
6-19	9/10	Molecular Geometry and bonding Theories/Gases
6-21	10	EXAM III (chapters 7 – 9) Gases
6-24	11	Liquids and Intermolecular Forces
6-26	11	Liquids and Intermolecular Forces
6-28	--	FINAL EXAM 9:00-11:00 a.m. (cumulative)