CHEM 102 - 003  
GENERAL CHEMISTRY B Lec/Disc  
SUMMER SESSION II_2016  
Loyola University Chicago

Instructor: Dr. Angela Mahaffey
Phone: (773) 508-2598 (office)
Email: amahaf1@luc.edu
Office Hours: Tuesdays 3:30pm-5:15pm; and always by appointment.

Class Meeting Location and Times:
Mundelein Center Rm 408; Tues/Thurs/Fri 1030am – 110pm (July 5th – Aug. 12th)

Prerequisites:
101 and 111, or 105 and completion of Math 118 or higher with a grade of C- or better
Co-requisite: CHEM 112 Lab

Course Description:
This lecture and discussion course is a continuation of 101 and includes topics on equilibrium systems, chemical thermodynamics, electrochemistry, and descriptive chemistry.

Required Textbook and Online Source:
(2) www.masteringchemistry.com *Mastering Chemistry Website will be used for Homework assignments and Exams. Course ID: MCMAHAFFEY65109
(3) CHEM 102: General Chemistry B (Summer) Discussion Sheets to be provided in class.

Attendance, Discussion Participation and Exam Policy:
Lecture/Discussion attendance is Mandatory for this General Chemistry B course. Participation in Discussion and completion of Discussion worksheets is also a requirement. No Discussion worksheets will be assigned on “Exam Days”. Exams will cover previously detailed lecture materials. Calculators are allowed. NO cellphone/laptop (or other electronics) use during Exams. Each student must complete his/her own Discussion Sheet and Exam. Violation of either results in automatic loss of ALL possible Discussion E.C. points and Exam points.

Academic Honesty (“Integrity”):
Plagiarism on the part of a student in academic work or dishonest examination behavior will result minimally in the instructor assigning the grade of "F" for the assignment or examination.
In addition, all instances of academic dishonesty must be reported to the chairperson of the
department involved. [...] Academic cheating is another serious act that violates academic
integrity. Obtaining, distributing, or communicating examination materials prior to the
scheduled examination without the consent of the teacher; providing information to or obtaining
information from another student during the examination; attempting to change answers after
the examination has been submitted; and falsifying medical or other documents to petition for
excused absences all are violations of the integrity and honesty standards of the examination
process. (http://www.luc.edu/academics/catalog/undergrad/reg_academicintegrity.shtml)

Harassment/Bias Reporting
It is unacceptable and a violation of university policy to harass, discriminate against or abuse
any person because of his or her race, color, national origin, gender, sexual orientation,
disability, religion, age or any other characteristic protected by applicable law. Such behavior
threatens to destroy the environment of tolerance and mutual respect that must prevail for this
university to fulfill its educational and health care mission. For this reason, every incident of
harassment, discrimination or abuse undermines the aspirations and attacks the ideals of our
community. The university qualifies these incidents as incidents of bias.
(http://www.luc.edu/hr/biasreporting.shtml)

Services for Students with Disabilities
If you require special accommodations for testing procedures, please obtain a completed SSWD
form from Services for Students with Disabilities (6339 N. Sheridan Rd., Chicago, IL 60660 ·
773.508.3700 (ph) - http://www.luc.edu/sswd/register.shtml)

Tutoring Services
Loyola University Chicago’s Center for Tutoring and Academic Excellence Offers Tutoring
Services, details can be found here: http://luc.edu/tutoring/ *Additionally, during the Spring
and Fall Semesters LUC’s ACS (American Chemical Society) chapter offers tutoring in Flanner
Hall (Rm 129) Time and Dates TBD (see Chemistry Office Personnel for updates).

<table>
<thead>
<tr>
<th>Course Grade &amp; Points Distribution</th>
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</thead>
<tbody>
<tr>
<td><strong>Discussion/ Attendance</strong></td>
</tr>
<tr>
<td><strong>MASTERING CHEMISTRY (Homework)</strong></td>
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<tr>
<td><strong>EXAMS</strong></td>
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<tr>
<td><strong>FINAL EXAM</strong></td>
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<tr>
<td><strong>TOTAL</strong></td>
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<table>
<thead>
<tr>
<th>Percentage of Points</th>
<th>Letter Grade</th>
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<tbody>
<tr>
<td>&lt; 90%</td>
<td>A</td>
</tr>
<tr>
<td>88 – 90%</td>
<td>A-</td>
</tr>
<tr>
<td>87 – 85%</td>
<td>B+</td>
</tr>
<tr>
<td>84 – 80%</td>
<td>B</td>
</tr>
<tr>
<td>79 – 77%</td>
<td>B-</td>
</tr>
<tr>
<td>76 – 74%</td>
<td>C+</td>
</tr>
<tr>
<td>73 – 69%</td>
<td>C</td>
</tr>
<tr>
<td>68 – 66%</td>
<td>C-</td>
</tr>
<tr>
<td>65 – 63%</td>
<td>D+</td>
</tr>
<tr>
<td>62 – 58%</td>
<td>D</td>
</tr>
<tr>
<td>*57 – 55%</td>
<td>D-</td>
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<tr>
<td>54% and below</td>
<td>F</td>
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*All M.C. HW should be completed no later than Aug. 10th.
**Tentative Lecture/Discussion Schedule and Assignments Dates**

<table>
<thead>
<tr>
<th>WEEK</th>
<th>July</th>
<th>Chp. 14: Chemical Kinetics, Chp. 15: Chemical Equilibrium, Discussion Sheets #1-2 *M.C. Homework (Chp 14) available 7/5</th>
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<tbody>
<tr>
<td>1</td>
<td>5,7,8</td>
<td>Chp. 15: Chemical Equilibrium, Chp. 16: Acid-Base Equilibria, D.S. #3-4, *M.C. Homework (Chp 15) available 7/12 *M.C. Homework (Chp 16) available 7/15 EXAM #1a-c [COMPLETE ALL 3 PARTS for FULL Credit] (7/15)</td>
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<td>2</td>
<td>12,14,15</td>
<td>Chp.17: Additional Aspects of Aqueous Equilibria, Chp. 18: Chemistry of the Environment, D.S #5-7 *M.C. Homework (Chp 17) available 7/22</td>
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<tr>
<td>3</td>
<td>19,21,22</td>
<td>Chp. 19: Chemical Thermodynamics, Chp. 20: Electrochemistry, D.S. #8-9, *M.C. Homework (Chp 19) available 7/28 EXAM #2 (7/29)</td>
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<td>4</td>
<td>26,28,29</td>
<td>Chp. 22: Chemistry of Nonmetals Chp. 23: Transition Metals and Coordination Chemistry, D.S. #10-11 *M.C. Homework (Chp 20) available 8/2 EXAM #3 (8/5)</td>
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<tr>
<td>5</td>
<td>2,4,5</td>
<td>Chp. 24: The Chemistry of Life: Organic &amp; Biological Chemistry REVIEW, D.S. 12-13*(if possible, D.S. #13 – time permitting) FINAL EXAM #3 (8/12)</td>
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**IDEA Objective:**
At the end of the Summer Session II semester, you will receive an email with link for the electronic course evaluation noting the IDEA objectives for this course. Those IDEA objectives are noted online.

**Laptops, Notebooks/Computers, Tablets/iPads, Cell Phones and Recording Devices:**
- All laptops, notebooks/computers, tablets/iPads and cellphones (or any categorically befitting electronic) must be muted prior to the beginning of class – and ONLY utilized for the purposes of CHEM 102 or making an emergency/medical related phone call.
- Absolutely NO social media usage or streaming is permitted.
- No audio or video recordings of the class lectures/discussions are allowed.
- Any violation of this policy will result in an automatic failure.

*Helpful (Lecture) Slides will be available on Sakai (upon class request) prior to Exams.

**It is in the best interest of the student to:**
- Take “good” (useful) Lecture Notes.
- Read/Review course material prior to Lecture and Exams.
- Complete Discussion worksheets in class, day of lecture – NO EXCEPTIONS.
- Meet during Office Hours, if more explanation of Lecture/Discussion materials is needed.
- Complete Mastering Chemistry (online) Homework Assignments.
- Review Key Equations and Terms (suggestion: create study guides using index cards).