FALL 2016 – GENERAL CHEMISTRY 210-0002 (3964)

Co-requisite: CHEM 212 - General Chemistry Laboratory I

Principal Instructor – Prof. Narayan S. Hosmane, FR 305, 753-3556 hosmane@niu.edu (short e-mail questions)
Co-Instructors: Prof. Chong Zheng, LAT 326, 753-6871 czheng@niu.edu
Recitation TA: Brian Muller, FR 337 bmuller1@niu.edu (Office Hours: Monday and Friday, 10 – 11 AM)

Lectures: MWF, 11:00 –11:50 AM in Faraday Hall 143
Office Hours – Tu and Th, 1:00 - 2:30 PM, or by appointment


Exams, Assignments, Quizzes and Grading

Exams - Tentative dates for 100-points hourly exams are indicated below in the lecture schedule. Make-up exams will NOT be given under any circumstances. Missed Exam will be considered as one of the lowest exam grades. However, one of the lowest exam grades will be replaced by Online Homework grade that is mandatory!

Surprise Quizzes (Pop Quizzes) – Surprise quizzes (believe me you will be surprised!) for a TOTAL 100 points (worth a grade of ONE exam) will be given during the lecture and/or the recitation hours. However, only BEST TEN quiz grades will be counted toward your FINAL GRADE. There will be ABSOLUTELY no make-up quizzes. Exam and Quiz Grades will not be curved!

Online Homework and Self-Assessment through WebAssign is mandatory (100 Points)

Total points = 600 points (best two hourly exams = 200; surprise quizzes = 100; WebAssign = 100; final exam = 200)
Grading scale: A > 90% (540 pts.), B > 80% (480 pts.), C > 70% (420 pts.), D > 60% (360 pts.), F < 60%

TENTATIVE LECTURE SCHEDULE

<table>
<thead>
<tr>
<th>WEEK</th>
<th>CHAPTER/TOPIC</th>
<th>Exams Dates</th>
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<tbody>
<tr>
<td>01. Aug 22</td>
<td>Chapter 0: Chemical Tools: Experimentation and Measurements</td>
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<tr>
<td>02. Aug 29</td>
<td>Ch. 1: The Structure and Stability of Atoms</td>
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<td>03. Sept 05</td>
<td>Monday: Labor Day</td>
<td>No Class</td>
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<td>04. Sept 06</td>
<td>Ch. 2: Periodicity and the Electronic Structure of Atoms</td>
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<td>05. Sept 12</td>
<td>Ch. 2: Continued; Ch. 3: Atoms and Ionic Bonds</td>
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<td>06. Sept 19</td>
<td>Ch. 3: Continued.</td>
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<td>07. Sept 26</td>
<td>Ch. 4: Atoms and Covalent Bonds</td>
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<td>08. Oct 03</td>
<td>Ch. 4: Continued; <strong>Exam 1 is on Friday, September 23, 2016</strong></td>
<td>Exam 1 (9/23)</td>
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<td>09. Oct 10</td>
<td>Ch. 5: Covalent Bonds and Molecular Structure</td>
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<td>10. Oct 17</td>
<td>Ch. 5 Continued; Ch. 6: Chemical Arithmetic: Stoichiometry</td>
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<td>11. Oct 24</td>
<td>Ch. 6: Continued.</td>
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<td>12. Oct 31</td>
<td>Ch. 7: Reactions in Aqueous Solution; **Exam 2 is on Friday, October 28, 2016</td>
<td>Exam 2 (10/28)</td>
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<td>13. Nov 07</td>
<td>Ch. 7: Continued.</td>
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<td>14. Nov 14</td>
<td>Ch. 8: Thermochemistry: Chemical Energy</td>
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<td>15. Nov 21</td>
<td>Ch. 9: Gases: Their Properties and Behavior</td>
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<td>16. Nov 23-27</td>
<td><strong>Thanksgiving Holidays</strong></td>
<td>No Classes</td>
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<td>17. Nov 28</td>
<td>Ch.9: Gases: Continued. Exam 3 is on Monday, November 28, 2015</td>
<td>Exam 3 (11/28)</td>
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<td>18. Dec 07</td>
<td>**FINAL EXAM IS ON WEDNESDAY FROM 10:00 AM – 11:50 PM (Faraday Hall 143)</td>
<td>Final Exam (12/7)</td>
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Tutors and Lab TA Office Hours: The Department of Chemistry and Biochemistry maintains a free Tutor Room for General Chemistry students. The Tutor Room is in Faraday 247 and is staffed Monday through Thursday from 8:30 AM to 3:30 PM with a lunch break. On Fridays, the Tutor Room closes at 2:30 PM. General Chemistry laboratory TA office hours are held in Faraday 412 (Penthouse). The laboratory TA office hour schedule is posted outside Faraday 412, and at the departmental stockroom window. Students are also encouraged to ask laboratory TAs for assistance in understanding the lecture material.

Paid Tutors - Names of tutors for hire are available: see Linda Davis in FR 319 (departmental office).

Getting Started with WebAssign

- Your Recitation TA will discuss your Homework Assignments, Surprise Quizzes etc, on your First Recitation Session on Wednesday.

- The specific instructions for the WebAssign is appended in this file.

RESTRICTIONS ON USE OF CELL (MOBILE) PHONES, WiFi, INTERNET, LAPTOPS AND iPADS IN CLASSROOMS:

- Use of Cell (Mobile) Phone during the class hours is strictly prohibited. If you are caught of using cell phone or receiving any live text and/or e-mail messages, your cell phone or laptop and/or iPad will be confiscated. Therefore, your cell phone or laptop/iPad must be either switched off or on AIRPLANE (SILENT) MODE. Therefore, you must carry a separate ordinary calculator that MUST NOT be connected to Internet through WiFi or any telephone network! Your Internet entertainment will be a distraction for others!

HOMEWORK ASSIGNMENTS:

- There is no specific homework assigned for this class. However, it is your responsibility to do as much end-of-chapter problems as possible in order to perform well in the pop quizzes, exams and WebAssign. You can check your answers in the solution manual, but the professor of this class will not evaluate and grade your homework problems.

SPECIAL ACCOMMODATION:

Any student who may need an accommodation due to a disability, please make an appointment to see me during my office hours, or when convenient. A letter from Disability Support Services authorizing your accommodations is usually needed before accommodations can be granted.
STUDENT
QUICK START GUIDE

This Quick Start Guide provides information to help you start using WebAssign.

ENROLL

Either your instructor enrolled you in a class and created a WebAssign account for you, or she gave you a class key to enroll yourself and create your own account, if needed.

I have a class key

1. Go to webassign.net/login.html and click I Have a Class Key.
2. Enter the class key your instructor gave you and click Submit.
3. If the correct class and section is listed, click Yes, this is my class.
4. Either provide your existing WebAssign account information or create a new account.
   • Select I already have a WebAssign account, enter your account information, and click Continue.
   • Select I need to create a WebAssign account, enter the requested information, and click Create My Account.

I do not have a class key

You are already enrolled and can log in with your WebAssign account.

LOG IN

These instructions apply for most schools. Some schools use alternative login sites.

1. Go to webassign.net/login.html.
2. Type your Username, Institution code, and Password.
   If you did not receive a password, click Forgot your password and create a password.
3. Click Log In.

IMPORTANT: The first time you log in, change your password.

PURCHASE ACCESS

WebAssign gives you free access for two weeks after the start of class. To continue using WebAssign after that, either enter an access code or purchase access online.

NOTE: An Access Code included with some textbooks verifies that you have already purchased WebAssign access.

I have an access code

1. Verify your access code at webassign.net/user_support/student/cards.html.
2. Log in to WebAssign.
3. Select enter an access code.
4. Select your access code prefix.
5. Enter your access code and click Continue.

I do not have an access code

1. Log in to WebAssign.
2. Select purchase access online and click Continue.
3. Select items to purchase, confirm any license agreements, and click Enter payment information.
4. Provide your payment and contact information to PayPal and click Continue.
5. Review your order and click Complete purchase.
6. Close your receipt and start working in WebAssign.

LEARN

Your current assignments are listed on the Home page for each class.

1. Click the assignment name.
2. Answer the assignment questions. WebAssign supports many different question types. Some questions display a tools palette or open in a new window.
3. Submit your answers.
4. Review your marks and feedback. Usually you will see ✔ or ✗ for each answer.
5. Change your incorrect answers and submit again.
6. When you are done, always click Log out.

SYSTEM REQUIREMENTS

WebAssign is tested and supported for the following Web browsers:
- Mozilla® Firefox® (38+)
- Windows®, Mac® OS X, Linux®
- Internet Explorer® / Microsoft® Edge (11+)
- Google® Chrome™ (44+)
- Windows, Mac OS X
- Apple® Safari® (8+)
- Mac OS X, iOS 8 or later on iPad®

BROWSER SETTINGS

Configure the following settings in your Web browser.
- Allow cookies and pop-up windows from webassign.net.
- If you are accessing WebAssign from Blackboard®, accept third-party cookies.
- Do not allow your browser to store your WebAssign password.

CUSTOMER SUPPORT

HELP: From the application, click ONLINE:
webassign.com/support-request
CALL: (800) 955-8275

The WebAssign Customer Support staff CANNOT:
- change your username or password
- give extensions
- change your score
- give you extra submissions
- help you with the content of assignments
- resolve problems with PayPal payments

PAYPAL SUPPORT

ONLINE: paypal.com
CALL: (402) 935-2050

MORE INFORMATION

Search the online help for answers to most questions:
webassign.net/manual/student_guide/

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