CHEM:1050    CHEMISTRY OF OUR WORLD     FALL, 2020

INSTRUCTOR: Dr. Rebecca Laird; rebecca-laird@uiowa.edu;


COURSE DELIVERY: Lectures will be prerecorded and posted on MWF at 10:30am. These lecture videos will be posted under the UICapture module of the course ICON site.

TECHNOLOGICAL DETAILS: This course is being delivered online. This means that students must be able to access all online components of the course. Tools that will be needed include but are not limited to: reliable internet connection, computer/laptop/tablet, and speakers/headphones. Online content for the course will be managed using the ICON (Iowa Courses Online) system (http://icon.uiowa.edu/index.shtml). The site will be used to post: lecture videos under UICapture, copies of the slides used in class, practice exams, exam keys, homework links, announcements, and other materials. I expect that you will check our ICON site and your uiowa email regularly. All email correspondence must be managed through your uiowa email address.

OFFICE HOURS: Office hours will be hosted via Zoom. Links to the zoom sessions will be posted under the Zoom module of the course ICON site. These office hours are meant to address student questions and assist with course content. No appointment is needed to attend. The sessions will not be recorded. I will hold three 30-minute sessions each week. These sessions will be on Monday, Tuesday, and Thursday from 2:00-2:30pm.

COURSE DESCRIPTION: This course will focus on developing both chemical and scientific literacy to better understand the world around us. While building a foundational knowledge of chemistry, this knowledge will, whenever possible, be applied to “real-world” events occurring in our media, food production, fuel resources, plastics and materials productions, and other facets of our daily lives.

COURSE GRADES: The maximum possible score is 410 points, 100 points apiece for each hour exam (3 exams total) and 10 points for each homework assignment (11 assignments total). For a small-enrollment course, such as ours, the College of Liberal Arts and Sciences strongly suggests a Criterion-Referenced grading scheme with the following percent equivalencies.

<table>
<thead>
<tr>
<th>Percentage</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-99%</td>
<td>A+</td>
</tr>
<tr>
<td>98-93%</td>
<td>A</td>
</tr>
<tr>
<td>92-90%</td>
<td>A-</td>
</tr>
<tr>
<td>89-87%</td>
<td>B+</td>
</tr>
<tr>
<td>86-83%</td>
<td>B</td>
</tr>
<tr>
<td>82-80%</td>
<td>B-</td>
</tr>
<tr>
<td>79-77%</td>
<td>C+</td>
</tr>
<tr>
<td>76-73%</td>
<td>C</td>
</tr>
<tr>
<td>72-70%</td>
<td>C-</td>
</tr>
<tr>
<td>69-67%</td>
<td>D+</td>
</tr>
<tr>
<td>66-63%</td>
<td>D</td>
</tr>
<tr>
<td>62-60%</td>
<td>D-</td>
</tr>
<tr>
<td>59-0%</td>
<td>F</td>
</tr>
</tbody>
</table>

Your homework and test scores will be posted on ICON.
EXAM SCHEDULE: Exams dates, times and places are given below.

<table>
<thead>
<tr>
<th>Exam</th>
<th>Date</th>
<th>Time</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Sept. 23</td>
<td>10:30-11:20 am</td>
<td>online</td>
</tr>
<tr>
<td>2</td>
<td>Oct. 21</td>
<td>10:30-11:20 am</td>
<td>online</td>
</tr>
<tr>
<td>3</td>
<td>Dec. 2</td>
<td>10:30-11:20 am</td>
<td>online</td>
</tr>
<tr>
<td>Final</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

EXAMINATIONS: There will be three in-class exams. There will be no final exam for this course. Each exam will be open note/open book. This includes only material from our course. (i.e.- these do not include “google” or other course helper sites, or any other person.) If a student is caught using other types of aid, that student will be reported to the college for academic misconduct. All exams will be multiple choice and will be taken on ICON. Exams will be found under the quizzes module. The multiple-choice quiz will be available on ICON from 10:30am-11:20am on the exam day.

Each exam is comprehensive but will emphasize material since the previous exam. Chemistry builds on what was learned before, it is important to continually add to your fountain of knowledge. Exams must touch on material that was learned earlier in the semester, but in most instances, we will use concepts that we covered since the previous exam. It is wise to review all of the material since Day 1 for each exam.

Anything that is covered through the end of class on the day before the exam is fair game for the exam. I more or less follow the book, so you will be able to determine where we stopped before the exam. If you have any doubt, study for the whole chapter that we are working on.

MAKE-UP EXAMS: Make-up exams will be given under exceptional circumstances only. You must sign up for the make-up and give an acceptable reason before the regular exam is given. Under no circumstances will a make-up be given to take the place of a regular exam taken earlier. To sign up for a make-up exam, email the chemistry center prior to the regular exam with the reason for your absence.

HOMEWORK: The online homework on Sapling Plus will force you to draw structures, learn concepts, and prepare you to excel in this course. These problems are critical to learning chemistry, so we will take advantage of Sapling.

I will post one homework assignments for each chapter (chapter 1-11) the due date and time will be clearly listed in Sapling and on the course schedule. You should assume we are going to have regular homework assignments and look on Sapling for them.

The homework questions will be assigned at random from a pool of questions so folks working on adjacent computers will get different questions. Because of this, I am assigning the homework as “full collaboration”. That phrase means that you may work with your classmates, friends, tutors, or anyone else to complete the homework. You may work alone if you wish, but no penalty will be given to those who work together. This policy does not mean that you should copy someone

Syllabus-2
else’s homework; that is not allowed and will be viewed as cheating. You must make an honest
effort to complete the homework and understand the answers. One good method to know if you
understand the answers is to ask yourself if you can reproduce your homework if you are alone in
front of the computer. If you can reproduce your homework, you have some level of understanding
of it. Homework is an excellent vehicle for learning class material, take advantage of this
opportunity and you will do well on the exams.

The instructions for each assignment will be clearly listed on each assignment. No late homework
will be graded nor will extensions be given without University approved reason.

ZOOM: Office hours will be held through Zoom virtual meetings. To maintain professionalism,
the following rules will be followed by all Zoom participants:
  - No profanity or vulgar language will be allowed
  - Appropriate dress is required any time video is used
  - Keep all posts and comments related to course work
  - Only UI students enrolled in the course may join, participate, or be visible during our zoom
    sessions.

I reserve the right to bar any student who does not adhere to these rules after the first offense.

ADMINISTRATIVE INFORMATION:

DROP-ADD SLIPS:  For information on making any changes in registration, please visit the
Office of the Registrar’s site listed below:
https://registrar.uiowa.edu/changes-registration

COURSE INFORMATION:  Inquiries about details of the course (e.g. extra copies of the
syllabus, exam times and places, times and places of discussion sessions, etc.) should be taken to
the Chemistry Center ( chemistry-center@uiowa.edu ).

DROP DATES:   Deadline Date: September 04, 2020: last day to drop a course without a W.
Deadline Date: November 2, 2020: Last day to drop without Dean’s approval.

DEPARTMENTAL HOME:  Department of Chemistry

DEPARTMENTAL CONTACT INFORMATION:  Len MacGillivray, DEO, E331 CB;
Lindsay Elliott, Secretary to the Chair, E331 CB, 319-335-0200.

ADMINISTRATIVE HOME
The College of Liberal Arts and Sciences is the administrative home of this course and governs
matters such as the add/drop deadlines, the second-grade-only option, and other related issues.
Different colleges may have different policies. Questions may be addressed to 120 Schaeffer Hall,
or see the CLAS Academic Policies Handbook at http://clas.uiowa.edu/students/handbook.
CLASS RECORDINGS: PRIVACY AND SHARING
Some of the sessions of a course could be recorded or live-streamed. Such recordings/streaming will only be available to students registered for this class. These recordings are the intellectual property of the faculty, and they may not be shared or reproduced without the explicit, written consent of the faculty member. Further, students may not share these sessions with those not in the class or upload them to any other online environment. Doing so would be a breach of the Code of Student Conduct, and, in some cases, a violation of the Federal Education Rights and Privacy Act (FERPA).

ELECTRONIC COMMUNICATION
University policy specifies that students are responsible for all official correspondences sent to their University of Iowa e-mail address (@uiowa.edu). Faculty and students should use this account for correspondences (Operations Manual, III.15.2, k.11).

ACCOMMODATIONS FOR DISABILITIES
A student seeking academic accommodations should first register with Student Disability Services and then meet with the course instructor privately in the instructor's office to make particular arrangements. See http://sds.studentlife.uiowa.edu/ for more information.

ACADEMIC HONESTY
All CLAS students or students taking classes offered by CLAS have, in essence, agreed to the College's Code of Academic Honesty: "I pledge to do my own academic work and to excel to the best of my abilities, upholding the IOWA Challenge. I promise not to lie about my academic work, to cheat, or to steal the words or ideas of others; nor will I help fellow students to violate the Code of Academic Honesty." Any student committing academic misconduct is reported to the College and placed on disciplinary probation or may be suspended or expelled (CLAS Academic Policies Handbook).

CLAS FINAL EXAMINATION POLICIES
The final examination schedule for each class is announced by the Registrar generally by the fifth week of classes. Final exams are offered only during the official final examination period. All students should plan on being at the UI through the final examination period. It is the student's responsibility to know the date, time, and place of a final exam.

MAKING A SUGGESTION OR A COMPLAINT
Students with a suggestion or complaint should first visit with the instructor (and the course supervisor), and then with the departmental DEO. Complaints must be made within six months of the incident (CLAS Academic Policies Handbook).

REACTING SAFELY TO SEVERE WEATHER
In severe weather, class members should seek appropriate shelter immediately, leaving the classroom if necessary. The class will continue if possible when the event is over. For more information on Hawk Alert and the siren warning system, visit the Department of Public Safety website.
UNDERSTANDING SEXUAL HARASSMENT
Sexual harassment subverts the mission of the University and threatens the well-being of students, faculty, and staff. All members of the UI community have a responsibility to uphold this mission and to contribute to a safe environment that enhances learning. Incidents of sexual harassment should be reported immediately. See the UI Comprehensive Guide on Sexual Harassment for assistance, definitions, and the full University policy.

DIVERSITY STATEMENT
Respect for Diversity: It is my intent that students from all diverse backgrounds and perspectives be well-served by this course, that students' learning needs be addressed both in and out of class, and that the diversity that students bring to this class be viewed as a resource, strength and benefit. It is my intent to present materials and activities that are respectful of diversity: gender, sexual orientation, disability, age, socioeconomic status, ethnicity, race, culture, perspective, and other background characteristics. Your suggestions about how to improve the value of diversity in this course are encouraged and appreciated. Please let me know ways to improve the effectiveness of the course for you personally or for other students or student groups. In addition, in scheduling exams, I have attempted to avoid conflicts with major religious holidays. If, however, I have inadvertently scheduled an exam or major deadline that creates a conflict with your religious observances, please let me know as soon as possible so that we can make other arrangements.

MENTAL HEALTH
As a student you may experience a range of issues that can cause barriers to learning. These might include strained relationships, anxiety, high levels of stress, alcohol/drug problems, feeling down, or loss of motivation. University Counseling Services is here to help with these or other issues you may experience. You can learn about the free, confidential mental health services available on campus by calling 319-335-7294 or visiting https://counseling.uiowa.edu/. Help is always available.