

## **General Information**

CH 115

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Office hours:

TBA

For other times e-mail me to set up an appointment but do not just talk to me in the class, always confirm it with an email so that I can make a note of it.

### **Text book**

The text for this course is Brown, LeMay, and Bursten's Chemistry: The Central Science, 12th edition. If you decide to use the 11<sup>th</sup> edition you are responsible for any material that is different between the editions.

### **Lecture:**

The projected overheads that I use in class are available for print-out on the website. It is useful to have these in hand during the lecture but much of the content of the lectures are not in these overheads. It is important that you carefully take notes and keep up with the reading of the textbook.

### **Discussion:**

We follow the POGIL format for our discussions. You are expected to print and read the worksheets that are posted on the website weekly and bring them to class. The answers will be posted at the end of the week.

The discussions will start only in the second week of the semester. There will be no discussion on any week when a holiday falls on the Monday.

### **OWL (Online Web- based Learning) system:**

This is an online homework system that allows multiple tries at questions, and the questions change randomly. Note that the assignment numbers on OWL do not correlate with the chapter in the textbook. Look at the topics instead of the numbers. You are expected to be doing the problems as you go through the chapters.

### **Calculators:**

You are advised to use a scientific or Texas instrument TI series calculator. You cannot use any calculator or device that is capable of communicating with any other calculator or device. You are not allowed to bring a phone to the exam to use as a calculator. Use of such a device will result in a zero for the test. Be sure you know how to operate your calculator before you have to use it in a test situation. Before coming to a test, be sure your calculator is working properly and that it has fresh batteries or will work in low light. You may bring a back-up calculator to the tests, calculator sharing is not allowed during a test.

**Tests and Academic Honesty:**

The dates for the hour examinations will be listed on the website. Tests will be given during the normal lecture hour.

If you cannot attend a test for some legitimate reason you must call me or send e-mail in advance of the test or as soon as possible under the circumstances. In cases of real emergency you might be eligible to start the test late. Absence without notice or legitimate cause will result in a score of zero for the test. If you arrive late to a test you will not be given extra time, except in special circumstances.

You must take every test. During a test you are allowed to have pencils, erasers, and your calculator – nothing else. You may not have notes, open books, or scrap paper.

Academic dishonesty will not be tolerated and may result in your failing the test, failing the course, or being expelled from the University, depending on the circumstances.

**Grades:**

	<b>%</b>
Class Attendance	5
Disc Attendance	5
Three Tests + Final (worth two tests)	90
<b>Total</b>	<b>100</b>

**Extra credit**

OWL	<b>3</b>
Supplemental Instruction	3

**Attendance**

The class attendance will be taken using the iclicker. The clicker is available in the bookstore. It is the responsibility of the student to ensure that they have their attendances marked. You can go to the website mentioned at the back of the clicker to register.

Any student that leaves after the attendance is taken or just shows up for a few minutes to get the attendance credit will be marked absent at the instructor's discretion.

The attendance comes in handy at the time of grade calculation as there you can get all the points just by being present. Attendance will start getting recorded from the second week of the semester in the regular semester and on the day announced in the summer semesters. Please make sure that your iclickers are registered before then.

You can miss two lectures and two discussions in the regular semester and one of each in the summer semesters without any loss of credit. **These are intended to make up for the personal reasons, medical absences or religious occasions you may have during the semester.**

**Syllabus :**

Chapter 1: All sections  
Chapter 2: All sections  
Chapter 3: All sections  
Chapter 4: All sections  
Chapter 5: Sections 5.1-5.7  
Chapter 6: All sections  
Chapter 7: Sections 7.1-7.6  
Chapter 8: All sections  
Chapter 9: Sections 9.1-9.6; sections 9.7 and 9.8 will be covered if time permits.

**Test:**

**For the dates refer to the website**

The tests will be on the specified dates. The test will cover the chapters between the tests and will not be cumulative. The final exam will be cumulative and will cover all the chapters. There will be four (4) in-class tests, to be given on the dates listed above and a three hour final. There will be no makeup tests. **I will drop the test with the lowest grade or the test you are unable to take for any medical, personal or religious reasons.**

In the summer semesters there will be only two tests and no test will be dropped.

The final exam date is determined by the university, be prepared to take the final on the specified date, do not make plans before you know the exam date. There will be no exceptions to this.

Please do not make any reservations on the snow days decided by the university.

The exam questions are generated from the lecture material, homework and the text. You will see some direct questions from the homework in your exams. Most of my long answer questions come from the solved examples, practice questions in the book or homework and POGIL material. These are also some questions that require application of your understanding of the concepts. These are the questions that get you an A in the class.

Make every effort to arrive on time for each exam. If you arrive late, you will not be given extra time. You will not be allowed to take the test if even one student has left the hall.

Exam answers are posted on the website after grading is completed.

The Exam will consist of about 20 to 30 multiple choice questions which will be about 70 % of the grade and two to three short answer questions which will be about 30% of the overall grade. This is only a guideline and will somewhat vary from test to test.

**Homework:**

Homework problems from the back of the book are posted on the class website. You are encouraged to do more than that. Do not use the solutions book until you have sincerely tried the problem. If you had to look at the solution, make it a point to revisit the problem to make sure that you have relay understood the concept.

Homework is not collected or graded, and worked-out answers are available. Although you will not turn in your homework, you should always attempt to do the assignment before coming to discussion where you can ask for help with the problems.

Dr. Isaac Reif is teaching the evening class. You need to get in touch with him with any questions related to the evening course.

Prof Jason Evens is in charge of the laboratory part of the course. You need to contact him with any questions.