

Chemistry in the World
CHEM 355 (Class Nbr: 11842)
Fall 2009

Instructor: Dr. W. Johnson

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Course materials:

The World of Chemistry, 4th ed., Joesten et al., Thomson, Brooks/Cole, 2007.

Web page for text: http://www.brookscole.com/cgi-wadsworth/course_products_wp.pl?fid=M20b&flag=student&product_isbn_issn=9780495012139&discipline_number=12

This web page gives you access to resources for each chapter in the book. The web animations and tutorial quizzes are especially helpful.

Online Web-based Learning System (OWL), purchase with new book or separately.

To purchase OWL separately go to the Phoenix Bookstore (\$34.00) or alternatively go to the Phoenix Bookstore web page: <http://www.thephoenixbookstore.com> and click on

Textbook Ordering on the menu at the top of the page, scroll to the bottom of the next page and click on **ichapters.com**. In the **ISBN** search box enter this ISBN: **0495110779**. Click on **Search, add** (to cart), **My Cart** (in upper right corner) and then checkout (\$33.49).

To register OWL after you have purchased an access code go to:

<http://owl.thomsonlearning.com/> Choose **Liberal Arts > Register** and then select our textbook (see above title, be sure to choose 4th edition). Choose **University of Wisconsin – Green Bay** and then choose the **Student Registration** link. After registering you are ready to use OWL.

To use OWL after you have registered go to: <http://owl.cengage.com/owl-c/user/loginpage.cgi?Server=owl-univwisconsinngreenbayjoesten4e&UserType=Student> and enter your login and password. This online tutorial system will be a major part of how you learn chemistry in this course. Your time spent doing these exercises will have a major role in your learning of chemistry.

A calculator with a "log" function will be necessary for this course. You will be able to use a calculator on graded activities.

Lecture slides are available at the course D2L site. It is recommended that you print a copy of the slides for taking notes on in class. An audio recording of lectures will also be available at the D2L site.

Completion Date: December 16, 2009

Last Day To Drop Course: October 15, 2009

If the course is dropped between September 3 and October 15 a symbol of DR will appear on your permanent record with no effect on your grade point average. After October 15 a grade will be recorded on your record.

On Campus Sessions:

September 26, 2009 from 9:00-12:00 Noon in MAC 113

Workshop on skills needed to understand material in chapters 1-5.

October 24, 2009 from 9:00-12:00 Noon in MAC 113

Workshop on skills needed to understand material in chapters 5-8.

Class will begin with an opportunity for students to ask questions on any material.

November 21, 2009 from 9:00-12:00 Noon in MAC 113

Workshop on skills needed to understand material in chapters 9-13.

Class will begin with an opportunity for students to ask questions on any material.

Evaluation:

There are 470 points available in this course. Your course grade will be determined the points that you earn on a worksheet (15 points, D2L), 13 quizzes (250 points, D2L), and OWL exercises (205 points). The expected range of percentage scores for grades in this course are: A, 91-100; AB, 88-90; B, 81-87; BC, 76-80; C, 68-75; D, 60-67; F, 0-59. This grade scale may be adjusted at any time by the instructor if a different scale is deemed more appropriate for the nature of the course during this particular semester.

Suggestions for Success:

In addition to the two web sites by Thomson Publishing, there is a D2L site for this course that you access through the UW-Green Bay homepage. The D2L site is the place to: take quizzes, do a worksheet, keep track of your grades, ask questions or leave advice that all members of the class can interact with, access useful web links, and obtain answers to even numbered problems in the text. I also have a minor site for this course that may be accessed through my home page (see web address above).

It is important to work out each example in the text as you progress through a chapter. When reading the text, constantly make sure that you understand everything. Work out all problems!

Activities and problems in and at the end of each chapter have answers in the textbook appendices. The answers to even numbered problems that are not found in the book are available at the D2L site.

When working on OWL or the D2L quiz page have a calculator, the text, your notes, and paper available for use. On some occasions you may wish to keep an additional web-browser window open to be able to access other information without disrupting your connection to OWL or D2L. Quizzes are to be your own work. **Do not collaborate or share information with anyone else on the quizzes. Collaboration on a quiz is dishonest and may result in a grade of F for the course.** Sharing insight regarding OWL or text exercises at the D2L discussion page is encouraged.

If you make an error in OWL and want to start a particular exercise over, return to the “unit menu” or “Assignments list” and select the particular assignment again. OWL is a tutorial and therefore you can keep repeating tasks until you get them correct. You can also repeat them for any reason. Your grade for each chapter’s OWL exercises will be determined after the deadline for that chapter.

Disability Accommodations:

If you have a disability that requires special accommodations please contact both the instructor and the Disability Services Office (SS 1500, phone: 265-2841) as soon as possible so that appropriate arrangements can be made.

Welcome:

I am happy to work with you in your learning of chemistry. Your questions may be sent to me by e-mail, mail, or phone in addition to posting at the D2L web site. You may also schedule a meeting with me in person.

Chapter	Date Due	Assignments
1	Wednesday Sept 9	Study chapter 1, sections 1.3 through 1.5 D2L Worksheet (15 points) D2L Quiz (10 points)
2	Monday Sept 21	OWL Intro to OWL 1, 2, 3 (5 points) OWL Math Help 1, 2, 3, 4 (10 points) Study chapter 2 Web Animation and Quiz (text web resource) OWL (20 points) D2L Quiz (20 points)
3	Monday Oct 5	Study chapter 3 Web Animation and Quiz (text web resource) OWL (20 points) D2L Quiz (20 points)
4	Monday Oct 12	Study chapter 4 OWL (4 points) D2L Quiz (20 points)
5	Monday Oct 26	Study chapter 5 Web Animation and Quiz (text web resource) OWL (50 points) D2L Quiz (20 points)
6	Monday Nov 2	Study chapter 6 D2L Quiz (20 points)
7	Friday Nov 6	Study chapter 7 OWL (4 points) D2L Quiz (20 points)
8	Monday Nov 16	Study chapter 8 Web Animation and Quiz (text web resource) OWL (24 points) D2L Quiz (20 points)
9	Wednesday Nov 25	Study chapter 9 Web Animation and Quiz (text web resource) OWL Ch 9 and Math Help 7 (20 points) D2L Quiz (20 points)
10	Monday Nov 30	Study chapter 10 Web Animation and Quiz (text web resource) OWL (4 points) D2L Quiz (20 points)
11	Thursday Dec 3	Study chapter 11 Web Animation and Quiz (text web resource) D2L Quiz (20 points)
12	Wednesday Dec 9	Study chapter 12 Web Animation and Quiz (text web resource) OWL (24 points) D2L Quiz (20 points)
13	Wednesday Dec 16	Study chapter 13 OWL (20 points) D2L Quiz (20 points)