

Announcements – Lecture I – Monday, May 19th

1. Daily Quizzes: Start, Wednesday, May 21st
2. Add/Drop: Friday, May 23rd
3. No Class: Monday, May 26th , Memorial Day
4. First Lab: Tuesday, May 27th , ISB 155





University of Massachusetts General Chemistry



	Fall	Spring	Summer
Courses	Chem 102	Chem 101	
	Chem 110	Chem 250	
	Chem 111	Chem 111	Chem 111
	Chem 112	Chem 112	Chem 112
	Chem 121	Chem 122	

2194451

*OWL
Spire*

*CRC
Registrar*

*Chemistry Dept
Continuing Ed*

*Lab Grades
TA Evaluations*

*Bus Schedule
UMail*

www.chem.umass.edu/genchem (all lower case)



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Chem 111

Instructors:



Tom Whelan
ISB 241E, 545-6092
whelan@chem.umass.edu

1. [Class Meets](#): MTuWThF 11:15-12:45
2. [Class Location](#): ISB 221
3. [Campus Map](#)



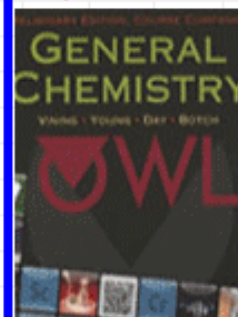
Amanda Hussey
ahussey@chem



Nate Johnson
jnjohnso@cns

Summer 2014

Required Materials:



Recommended Textbook:
This is an on-line textbook delivered through OWL, at no cost.

The optional print version:
General Chemistry
ISBN: 9781285418995
Vining, Young, Day, Botch.

1. [Safety Glasses](#):
2. [Scientific Calculator](#)
(Easy to use and inexpensive)



John Hangasky
jhangask@chem

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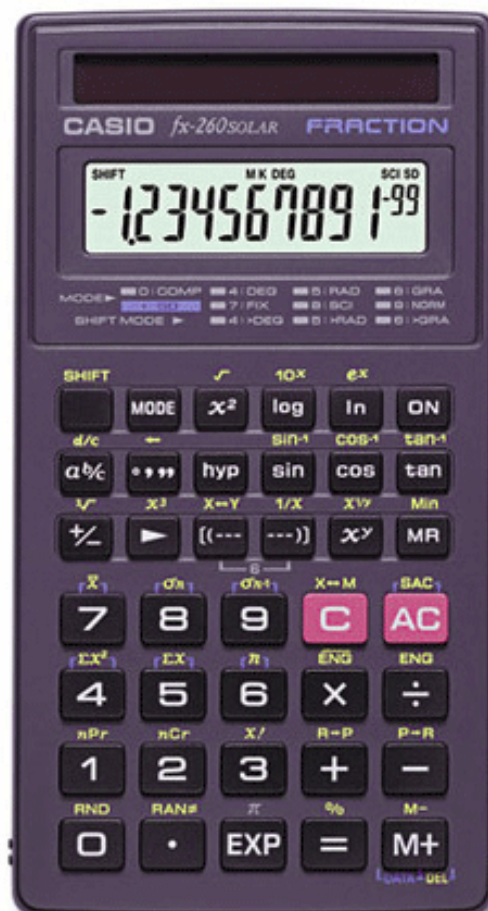
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Syllabus Summary:

short answer format ... non multiple choice ... samples on class web site

1. Grading

3 Exams 70% Highest Exam Score 26%; Lowest 20%; Other 24%

Quizzes 7% No make-up Quizzes given.

Owl 5%

Laboratory 18%

Start on May 21ST. 2 lowest scores dropped. Questions taken ~90% of the time from the OWL homework.

2. Exam Policies:

You must have a passing exam average in order to pass the course.

3. Lab Policies:

Lab Meets Tuesday/Thursday, 1:30-4:30, ISB 155.

You must complete all of the laboratory experiments to pass the course.

4. Academic Honesty:

You will abide by the academic honesty policy of the campus. I expect you to do your own work on exams and labs. You must flush all calculator memories of any chemistry information before coming to an exam. You MAY NOT bring any additional materials to exams other than a pencil, calculator, and your brain. I take honesty very seriously.

5. Grade Cutoff's:

>90's A <55 F

The other grade cutoff's will be determined at the end of the semester. However if you want to be assured of a B you should be in the 80's and 70's for a C.

6. Exam Dates:

Exam I Friday May 30 ISB 221 11:15-12:45

Exam II Friday June 13 ISB 221 11:15-12:45

Exam III Friday June 27 ISB 221 11:15-12:45

7. Old Exams

2014 Exam I Key I Exam II Key II Exam III Key III

2013 [Exam I](#) [Key I](#) [Exam II](#) [Key II](#) [Exam III](#) [Key III](#)

2012 [Exam I](#) [Key I](#) [Exam II](#) [Key II](#) [Exam III](#) [Key III](#)

2011 [Exam I](#) [Key I](#) [Exam II](#) [Key II](#) [Exam III](#) [Key III](#)

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Date	Daily Schedule ... Updated Wednesday, May 14 : 05:56 PM
Monday May 26	No Class -- Memorial Day
Friday May 23	<p>Lecture Material:</p> <p>3.1 The Mole and Molar Mass</p> <ul style="list-style-type: none"> - B: Molar Mass (Molecular Weight) <p>3.2 Stoichiometry and Compound Formulas</p> <ul style="list-style-type: none"> - B: Percent Composition - C: Empirical Formulas from Percent Composition - D: Determining Molecular Formulas <p>Homework:</p> <p>OWL Book 3.1 The Mole and Molar Mass 05-27-14</p> <p>Mast 3.1 The Mole and Molar Mass 05-27-14</p> <p>Book 3.2 Stoichiometry and Compound Formulas 05-27-14</p> <p>Mast 3.2 Stoichiometry and Compound Formulas 05-27-14</p> <p>Announcements:</p> <p>Textbook Reference</p>
Thursday May 22	<p>Lecture Material:</p> <p>2.4 Ions and Ionic Compounds Nomenclature</p> <ul style="list-style-type: none"> - Formulas and Names ... Metal + Non metal - Formulas and Names ... Metal + Polyatomic anion - Formulas and Names ... Transition Metals <p>3.1 The Mole and Molar Mass</p> <ul style="list-style-type: none"> - B: Molar Mass (Molecular Weight) <p>Homework:</p> <p>OWL Book 2.4 Ions and Ionic Compounds 05-23-14</p> <p>Mast 2.4 Ions and Ionic Compounds 05-23-14</p> <p>Announcements:</p>

Updated twice daily - prior to and after each classed

Lecture 5 Slides
 Inked slides posted as a pdf after each class

Projected coverage





OWL User Login

OWL Login

Login

Login Help



Online Web Learning

University of Massachusetts Amherst Courses - Amherst, Massachusetts
Chemistry General

Login:

Use your NetID

Password:

Use your NetID password

LOG IN

You may safely bookmark this page.



ISB CRC

Integrated Sciences Building Computer Resource Center

[edit]

Chemistry - Biochemistry & Molecular Biology - Biology

ISB Room 325



ISB CRC Collaborative Area
(photo courtesy of Prof. Craig Martin)

The Integrated Sciences Building, which opened in spring 2009, has its own Computer Resource Center dedicated to meeting the needs of students in the College of Natural Sciences and Mathematics who are taking courses in the ISB. As of now that includes the Departments of Chemistry, Biochemistry and Molecular Biology, and Biology.

Information on this page is provisional.

[ISB CRC Software](#)

[Images of the ISB including the CRC](#)

[AV Systems](#) in the CRC (and the rest of the building)

See Also:

[How to find the ISB](#)

SUMMER SCHEDULE

M_F: 8:00am to 4:30pm

1:00 - 2:30pm Manned

by a TA

**see 'Job Schedule' on class
web site for more details.**

[edit]

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} Read prior to first lab ... TUESDAY, May 27

→ all lab materials posted on class web site

I am retaking this course, do I have to retake the lab?

Here is the scoop on a lab waiver. If you received a grade of **F for the course** then you have to retake the lab. If you received any other grade then you are entitled to a lab waiver. ~~You should print a copy of your grade from Spire and take it to Marie Whalen, in ISB 341 where you will have to fill out some painless paperwork.~~ A cautious note, if your lab **grade is <80**, it is highly recommended that you retake the lab.

→ See me after class.



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Print Page

Note: There are 4 Lab Owls associated with this course. Lab Owl 2-5. The number corresponding to the experiment after which this owl is due.

May 2014				
Monday	Tuesday	Wednesday	Thursday	Friday
19	20	21	22	23
Session I Starts	No Lab	TBA: 1-2:30	No Lab TBA: 1-2:30	TBA: 1-2:30 Add/Drop
26	27	28	29	30
Memorial Day No Class	1:30-4:30 ISB 155 Exp 1	TBA: 1-2:30	1:30-4:30 ISB 155 Exp 2 Start of LabOwls	Exam I In Class
June 2014				
Monday	Tuesday	Wednesday	Thursday	Friday
2	3	4	5	6
TBA: 1-2:30	1:30-4:30 ISB 155 Exp 3 Lab Owl 2 Deadline	TBA: 1-2:30	No Lab TBA: 1-2:30	TBA: 1-2:30 Drop with 'W'
9	10	11	12	13
TBA: 1-2:30	1:30-4:30 ISB 155 Exp 4 Lab Owl 3 Deadline	TBA: 1-2:30	No Lab TBA: 1-2:30	Exam II In Class



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Grading:

Important Summary:

1. **In order to receive a grade in the course you must receive a laboratory grade. Fail the laboratory portion and you fail the entire course, regardless of how you do in lecture. In order to obtain a laboratory grade you must complete ALL the laboratories (see frequently asked question) and made a decent attempt at ALL the assigned laboratory OWLS**
2. **The laboratory grade constitutes 17-20% of the overall course grade.**

18%
↑
17-20%

Grading within the Laboratory Program:

A final laboratory grade will be posted at the end of the semester before your final exam. This grade is based on the following

Prelab Quiz	25%
Laboratory Reports	45%
Laboratory OWL's	25%
TA Assessment	5%

→ Sample quiz questions.

Disputes/Concerns: