

Announcements – Lecture I – Monday, May 18th

1. Daily Quizzes: Start, Wednesday, May 20th
2. Add/Drop: Friday, May 22nd
3. No Class: Monday, May 25th , Memorial Day
4. First Lab: Tuesday, May 26th , 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

CRC

Chemistry Dept

Lab Grades

Bus Schedule

Spire

Registrar

Continuing Ed

TA Evaluations

UMail

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



Lecture

General

[Genchem](#)

[Owl](#)

[Course Home](#)

Old Exams

[M.C. Questions](#)

Laboratory

General

[Lab Policy](#)

[Lab Waiver?](#)

[Lab Safety](#)

Lab Schedule

[May](#)

[June](#)

TA Information

[Section L01](#)

Experiments

[E-1](#) [E-2](#) [E-3](#)

[E-4](#) [E-5](#) [E-6](#)

Prelab Quiz

[E-1](#) [E-2](#) [E-3](#)

[E-4](#) [E-5](#) [E-6](#)

Video

[Weighing](#)

[Using a buret](#)

[Titration](#)

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](#)



Keith Lehuta

klehuta@chem

Acknowledgement



Prof. William Vining at SUNY Oneonta, many of his interactive modules I have links to on this web page. To see a host more of these and find out what Bill was up to in the picture on the left ... just click on the image!

Summer 2015

Required Materials:

Textbook:

You need to purchase an access code to view the online textbook and to do the class homework. The code is NOT sold through Amazon. See link below to purchase:

1. [Access Code Purchase Information](#) *
2. [Safety Glasses](#):
3. [Scientific Calculator](#)
(Easy to use and inexpensive)



Access Codes for General Chemistry

Important: The following information is valid only for those taking Summer 2015 courses. Students in Fall 2015 courses should check back after August 7th.

About Access Codes

Access codes are required for the OWL Gen Chem 111 and 112 courses. Access includes the online eBook. Codes are valid for either 6 or 24 months. If you buy the 6-month code for CHEM 111, you will still need to buy another 6-month code for CHEM 112 to make it through two full semesters. A 24-month code is less expensive for those students who will take both CHEM 111 and CHEM 112 within 24 months of purchase.

- Instead of purchasing an access code right away, you can start by using the 14-day free trial. This is especially helpful if you are not certain whether you'll take the course. See **Using Your Access Code or the 14-Day Free Trial** below.

Purchasing Your Access Code


You MUST purchase your access code from the CengageBrain ecommerce site listed below. Codes purchased elsewhere will NOT work.

1. If you would like to use the **14-day free trial** before purchasing an access code, skip to **Using Your Access Code or the 14-Day Free Trial** below.
2. Go to the [CengageBrain](#) ecommerce site for UMass Amherst general chemistry.
3. Choose one of the following:
 - For a 6-month access code,
Add to Cart: "Custom Instant Access Code for OWL General Chemistry at UMass Amherst - 6 Months, 1st Edition".
 - For a 24-month access code,
Add to Cart: "Custom Instant Access Code for OWL General Chemistry at UMass Amherst - 24 Months, 1st Edition".
4. Follow the CengageBrain instructions to complete your purchase.
5. Your access code will be displayed online as well as sent to the email address you supplied.



Using Your Access Code or the 14-Day Free Trial

1. Get into OWL from the [login page](#) or by clicking the link in your Moodle course.
2. If you are not on the **OWL Access Code Submission** page for your CHEM 111 or CHEM 112 course, click **My Courses** on the left, and choose the correct course.
3. Enter your purchased access code or click the box to use the 14-day free trial.
Note: The free trial can only be used once per person for either CHEM 111 or CHEM 112. If the checkbox is not available, you've previously used your free trial.



OWL Access Code Submission

Course	Course: Chem 111 Fall 2014 - 01 - Section 01 (73668) Moodle - Voigtman
My Courses	Your Product Information:
Course Home	Product Name <input type="text" value="CHEM 111"/>
Announcements	Enter Access Code
Course Grades	<ul style="list-style-type: none">• This product requires an access code.• Follow the instructions below to obtain one.• After obtaining your access code, enter it in the form below.
Clicker Registration	Instructions
Add/Switch Course	Go to http://owl.cs.umass.edu/techsupport/accesscodes/genchem.html for instructions.
Assignments	Enter your access code here:
Assignment List	Access Code <input type="text"/>
Assignment Calendar	<input checked="" type="checkbox"/> Use 14-day free trial (for new registrations only).
Communication	<input type="button" value="Continue"/>
Send Message	
View Messages	
My Account	
Miscellaneous	

4. Click **Continue**.
5. You should be on the **Course Home** page.





OWL User Login

OWL Login

Login

Login Help



Online Web Learning

University of Massachusetts Amherst Courses - Amherst, Massachusetts
Chemistry General

Login:

NET ID

... see class roster after class if you are unsure of this.

Use your NetID

Password:

Use your NetID password

LOG IN

You may safely bookmark this page.





OWL Access Code Submission

Course

- My Courses
- Course Home
- Announcements
- Course Grades
- Clicker Registration
- Add/Switch Course

Assignments

- Assignment List
- Assignment Calendar

Communication

- Send Message
- View Messages
- My Account

Course: [Chem 111 Fall 2014 - 01 - Section 01 \(73668\) Moodle - Voigtman](#)

Your Product Information:

Product Name	CHEM 111
Expiration Date	9/3/2014 3:52 PM

Enter Access Code

- Follow the instructions below to obtain a new access code for this product.
- After obtaining your access code, enter it in the form below.

Instructions

Go to <http://owl.cs.umass.edu/techsupport/accesscodes/genchem.html> for instructions.

Enter your access code here:

Access Code	<input type="text"/>
-------------	----------------------

- Note: If your free trial has already expired, you will be taken directly to the **OWL Access Code Submission** page when you try to access your course.
- If you have not yet done so, purchase an access code.
- Enter your purchased access code.
- Click **Continue**.
- You should be on the **Course Home** page.



Lecture

General

[Genchem](#)

[Owl](#)

[Course Home](#)

Old Exams

[M.C. Questions](#)

Laboratory

General

[Lab Policy](#)

[Lab Waiver?](#)

[Lab Safety](#)

Lab Schedule

[May](#)

[June](#)

TA Information

[Section L01](#)

Experiments

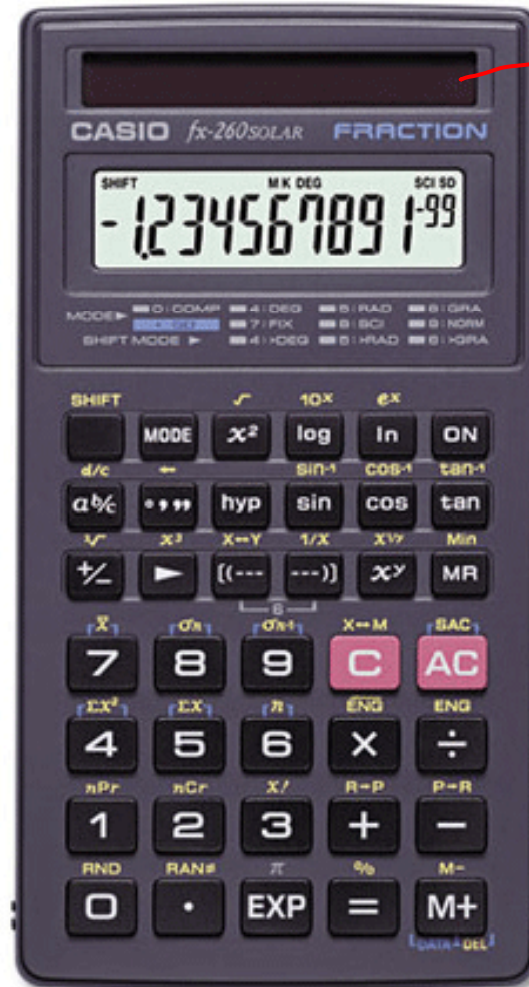
[E-1](#) [E-2](#) [E-3](#)

[E-4](#) [E-5](#) [E-6](#)

Prelab Quiz

[E-1](#) [E-2](#) [E-3](#)

[E-4](#) [E-5](#) [E-6](#)



No battery problems ... solar

Inexpensive, ~ \$12, and is easy to use ... no complex Manual

Lecture

General

[Genchem](#)

[Owl](#)

[Course Home](#)

Old Exams

[M.C. Questions](#)

Laboratory

General

[Lab Policy](#)

[Lab Waiver?](#)

[Lab Safety](#)

Lab Schedule

[May](#)

[June](#)

TA Information

[Section L01](#)

Experiments

[E-1](#) [E-2](#) [E-3](#)

[E-4](#) [E-5](#) [E-6](#)

Prelab Quiz

[E-1](#) [E-2](#) [E-3](#)

[E-4](#) [E-5](#) [E-6](#)

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 20th. 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 29 ISB 221 11:15-12:45

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

Exam III Friday June 26 ISB 221 11:15-12:45

7. Old Exams

2015 [Exam I](#) [Key I](#) [Exam II](#) [Key II](#) [Exam III](#) [Key III](#)

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](#)

Lecture
General
Genchem
Owl
Course Home
Old Exams
M.C. Questions
Laboratory
General
Lab Policy
Lab Waiver?
Lab Safety
Lab Schedule
May June
TA Information
Section L01
Experiments
E-1 E-2 E-3
E-4 E-5 E-6
Prelab Quiz
E-1 E-2 E-3
E-4 E-5 E-6
Video
Weighing

Date	Daily Schedule ... Updated Wednesday, May 13 :- 02:02 PM
Tuesday May 19 Lecture 2 Slides <i>Inked slides posted as a pdf after each class.</i>	<div style="border: 1px solid green; padding: 5px; margin-bottom: 10px;"> Updated twice daily — prior to and after each class. </div> Lecture Material: 1.4 Unit Conversions <ul style="list-style-type: none"> - A: Dimensional Analysis - B: Unit Conversions Using Density - How Important Are Units? 2.4 Elements and the Periodic Table <ul style="list-style-type: none"> - Nomenclature Preview ... Some Memorization 2.1 The Structure of the Atom <ul style="list-style-type: none"> - A: Components of an Atom - B: Atomic Number, Mass Number, and Atomic Symbols <i>→ Online textbook reference</i> Homework: OWL Book 1.3 Units of Measurement 05-22-15 Mast 1.3 Units of Measurement 05-22-15 Book 1.4 Unit Conversions 05-22-15 Mast 1.4 Unit Conversions 05-22-15 Announcements:
Monday May 18 Lecture 1 Slides	Lecture Material: Course Policy and Expectations! <ul style="list-style-type: none"> - Lab Announcements The Computer Resource Center <ul style="list-style-type: none"> - Introduction to Owl A Small Tour of Integrated Sciences Building 1.3 Units and Measurement <ul style="list-style-type: none"> - E: Significant Figures 1.4 Unit Conversions <ul style="list-style-type: none"> - A: Dimensional Analysis Homework:

Projected coverage

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](#)

[edit]

SUMMER SCHEDULE:

M-F: 8:00am to 4:30pm

Lecture

General

[Genchem](#)

[Owl](#)

[Course Home](#)

Old Exams

[M.C. Questions](#)

Laboratory

General

[Lab Policy](#)

[Lab Waiver?](#) *

[Lab Safety](#)

Lab Schedule

[May](#)

[June](#)

TA Information

[Section L01](#)

Experiments

[E-1](#) [E-2](#) [E-3](#)

[E-4](#) [E-5](#) [E-6](#)

Prelab Quiz

[E-1](#) [E-2](#) [E-3](#)

[E-4](#) [E-5](#) [E-6](#)

Video

[Weighing](#)

[Using a buret](#)

[Titrating](#)

General Chemistry Lab Waiver Form

For: General Chemistry Summer Chem 111

If your Spire record shows that you received an "F" in the course previously, **YOU MUST REPEAT THE LAB** along with the lecture. }

Your previous lab grade is recommended to be above "80" to use the lab waiver. **

Name:

Spire ID #:

Email address @umass.edu

In lieu of retaking the lab portion of
(choose one) Chem this
(choose one) 201 .

I agree that my previous lab grade (from UMass Amherst only)
 of 201
will be used as the lab grade for this semester.

I understand that, while I will not be doing the lab work,
**I WILL BE RESPONSIBLE FOR KNOWING THE LAB MATERIAL FOR
THE EXAMINATIONS.**

It is highly recommended that you review the lab OWLS.

By entering your initials here , this is your consent to accept your previous lab grade.

Once this is filled out, save it as a PDF, print, and bring it to class. **



Lecture

General

[Genchem](#)[Owl](#)[Course Home](#)

Old Exams

[M.C. Questions](#)**Laboratory**

General

[Lab Policy](#)[Lab Safety](#)

Lab Schedule

[May](#)[June](#)

TA Information

[Section L01](#)

Experiments

[E-1](#) [E-2](#) [E-3](#)[E-4](#) [E-5](#) [E-6](#)

Prelab Quiz

[E-1](#) [E-2](#) [E-3](#)[E-4](#) [E-5](#) [E-6](#)

Video

[Weighing](#)[Using a buret](#)**Chem 111****Laboratory Schedule**

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



Lecture

General

[Genchem](#)

[Owl](#)

[Course Home](#)

Old Exams

[M.C. Questions](#)

Laboratory

General

[Lab Policy](#)

[Lab Waiver?](#)

[Lab Safety](#)

Lab Schedule

[May](#)

[June](#)

TA Information

[Section L01](#)

Experiments

[E-1](#) [E-2](#) [E-3](#)

[E-4](#) [E-5](#) [E-6](#)

Prelab Quiz

[E-1](#) [E-2](#) [E-3](#)

[E-4](#) [E-5](#) [E-6](#)

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 ^{18%}~~17-20%~~ of the overall course grade.

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 ... 6 questions taken directly from these make up the paper quiz administered at the start of the lab.

More information on lab will be addressed as we get closer to the 1st lab on Tues, May 26th