



University of Massachusetts General Chemistry

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



2243061

OWL

CRC

Chemistry Dept

Lab Grades

Bus Schedule

Spire

Registrar

Continuing Ed

TA Evaluations

UMail

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



Log In Page

Log in to SPARK
UMass Amherst LMS for Campus Courses

NetID
(OIT Account user name):

Password:

OK OIT SPARK Help

[Forgot your Password?](#)

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- Course Tools
- Course Content
- Discussions
- Web Links

Your location: **Home Page**

Chemistry 111 - Fall 2011 - Whelan



[iClicker Registration](#)

**Deadline to register:
Monday, September 12**



[Course Web Page](#)



[Owl](#)

Online Homework System

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Chem 110

Fall 2011

Instructors:



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

Office Hours
 Fri: 12:00-2:00 241E, 2:45-4:00 Lab (Blue Room)
 Mon: 12:00-2:00 241E, 2:45-4:00 Lab (Blue Room)

} Starting Sept 12th



Tba
 tba@chem.umass.edu
 CRC:

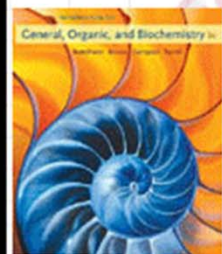


Tba
 tba@chem.umass.edu
 CRC



Tba
 tba@chem.umass.edu
 CRC

? - Strongly recommended
Required Materials:



**INTRODUCTION TO
 General, Organic, and
 Biochemistry**
 Ninth EDITION
 Bettelheim · Brown · Campbell · Farrell

1. **Class Meets:** TuTh 1:00-2:15,
2. **Class Location:** ISB 135
3. **Exam Dates:**
4. [Campus Map](#)
5. [iClicker 2 - Rebate Information](#)
6. [Scientific Calculator](#)
 (Easy to use and inexpensive)

} See class web site

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Syllabus Summary:

1. Grading

3 In Class Exams + Final Exam	70%
(Highest Exam Score of All Exams 20% Lowest 14% Other 2, 18% each)	
PRS + Owl	10%
Laboratory	20%

2. Exam Dates:

Exam I	Tuesday	October	4	ISB 135	1:00-2:15
Exam II	Tuesday	November	1	SB 135	1:00-2:15
Exam III	Tuesday	December	6	SB 135	1:00-2:15
Final	TBA	December	XX	???	???

} In class exams

3. Past Exams

2011

2010 Exam I - [Blank](#) Exam II - [Blank](#) Exam III - [Blank](#)

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

2009 Exam I - [Blank](#) Exam II - [Blank](#) Exam III - [Blank](#)

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

2007 Exam I - [Blank](#) Exam II - [Blank](#) Exam III - [Blank](#)

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

2006 Exam I - [Blank](#) Exam II - [Blank](#) Exam III - [Blank](#)

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

4. Exam Policies:

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

5. Lab Policies:

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

6. 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.

7. Grade Cutoff's:

>90 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. Performance on the final will determine borderline grades.

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Date	Daily Schedule ... Updated Saturday, September 03 :- 01:27 PM
Thursday Sep 08	<p>Lecture Material:</p> <p>1.3 How do Scientists Report Numbers? 1.5 Factor-Label Method -- Dimensional Analysis -- Mathematics of Chemistry</p> <p>Lecture 2 Slides 3.5 How Do We Name Ionic Compounds - A Brief Early Visit! - Some Memorization</p> <p>2.4 What Are Atoms Made Of</p> <p>Homework:</p> <p>Owl 1.5e Tutor -- Metric System Prefixes 09-13-11 1.5d Tutor -- Unit Conversions 09-13-11 1.5h Tutor -- Unit Conversions by the Factor-Label Method 09-13-11 1.5g Homework -- Metric Units: Unit Analysis 09-13-11 End of Chapter Questions 09-13-11 3.5b Simulation -- Ionic Compounds 09-13-11</p> <p>Announcements:</p>
Tuesday Sep 06	<p>Lecture Material:</p> <p>General Course Information</p> <ul style="list-style-type: none"> - What Materials Do I Need - Exam Dates & Grading - Computer Resource Center - Lab -- What/Where/When/What I Need to Know/Materials etc - Some Fun With Balloons! <p>1.3 How do Scientists Report Numbers?</p> <p>Homework:</p> <p>Reading Ch 1.2 What is the Scientific Method Ch 1.3 How do Scientists Report Numbers Ch 1.4 How do we Make Measurements</p> <p>Owl 1.1a Navigation, Messages, and Browsers 09-08-11 1.1b Flash and eBook 09-08-11 1.2a Question Modes 09-08-11 1.2b Question Types 09-08-11 1.3a Chemical Formulas 09-08-11 1.3b Scientific Notation 09-08-11 1.3c Tables 09-08-11</p>

This page updated prior to and after each class

Text Reference





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OWL Login

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Online Web Learning

University of Massachusetts Amherst Courses - Amherst, Massachusetts
Chemistry General (UMass Amherst, UMass Boston)

UMass Amherst Students: To find your 8-digit student ID number, (1) look on your UCard, (2) log into SPIRE and then go to My SPIRE --> Change My Password, (3) look on an unofficial transcript.

Login:

8 Digit Student ID Number
(Use your 8-digit student number)

Password:

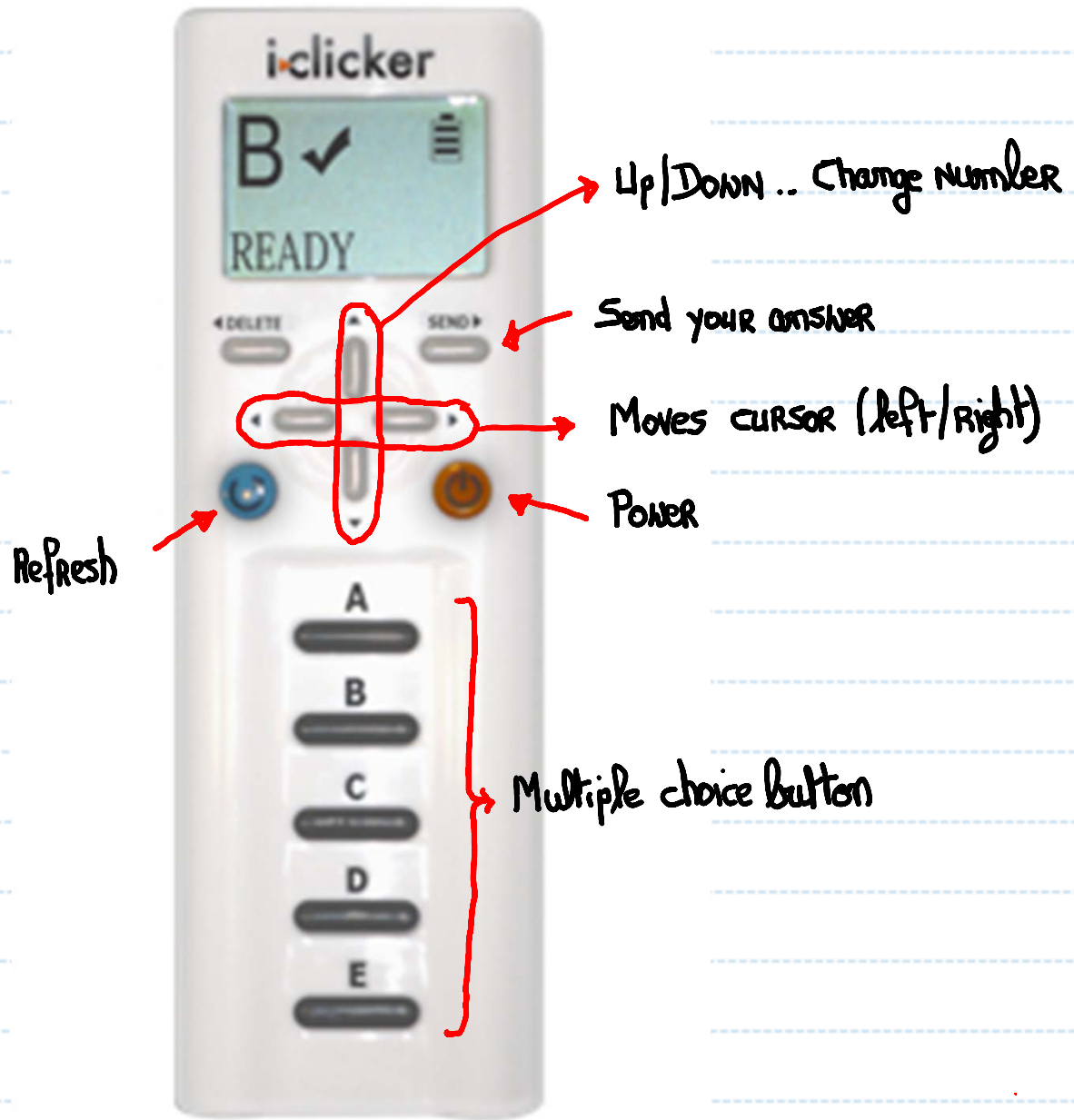
LAST NAME*
(Use your last name, unless you have changed your password.)

LOG IN

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} Read prior to first lab

} TA information and Room Assignments

} Print prior to each lab ... use the 'Print Page' button on the top right hand corner of the experiment ... this prints a pdf version which is the only version that contains the 'Data Sheet'.

} Sample prelab quizzes

Chem 110 LAB Dates

Sat: Sep 24

Sat: Oct 1

Sat: Oct 15

Sat: Oct 29

Sat: Nov 12

Sat: Dec 3

} 1:30-4:30

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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 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%

* After Exp 2, 3, 4 and 5

1.3 How Do Scientists Report Numbers – Significant Figures

1.3 Example_1

When 36.456 is added to 74.2 the result is –

*



- A) 110.656
- B) 110.6
- C) 110
- D) 110.7
- E) I have no clue!

When adding and subtracting the resultant should be recorded according to the number with the least number of decimal places.