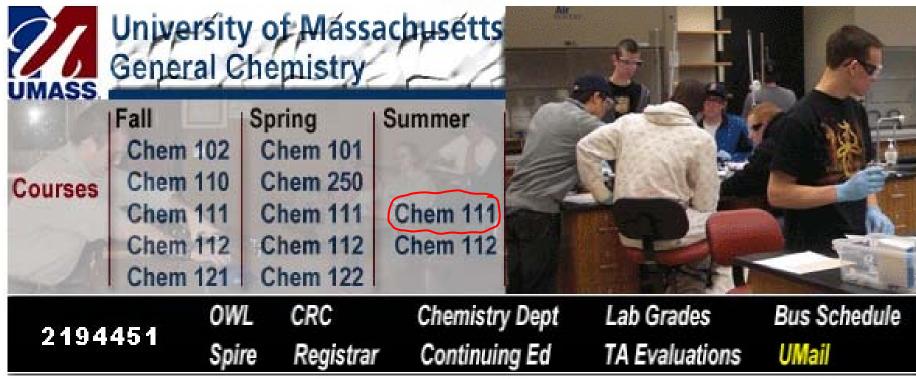
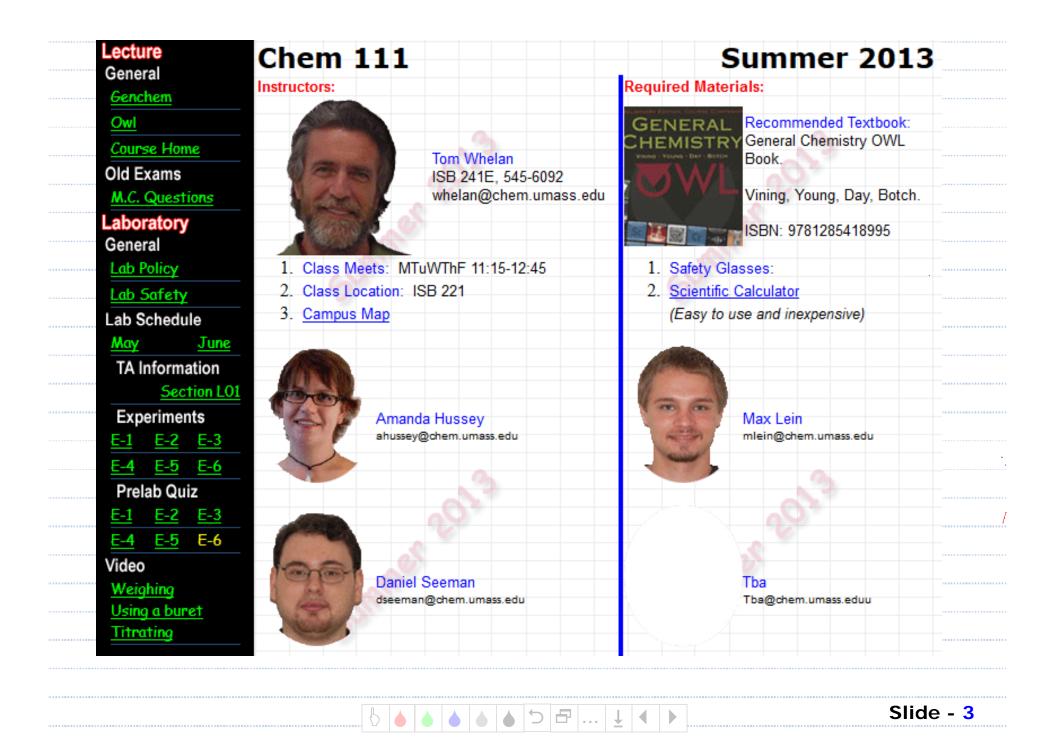
Announce	ments	; - L	<u>ectu</u>	re l	<u> </u>	<u>Vlon</u>	day	/ <u>, N</u>	May 20 <sup>th</sup>	
	<b>B</b>	<b>6</b>	6 6	5	F	1		<b>&gt;</b>	Slide - 1	

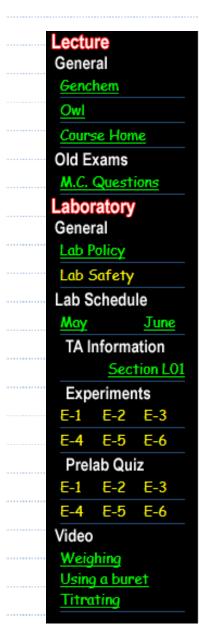


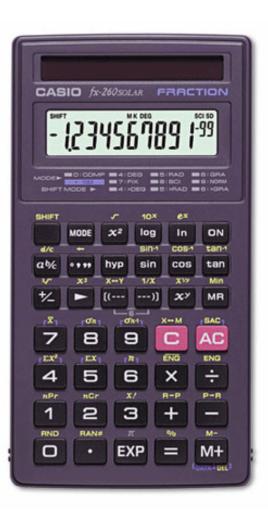


NUN. chen. UMBSS. edu/genchen (all buen case)









5			$\hookrightarrow$	8	 1	4	•

General	1	Short amswer format Non multiple choice samples on class web site	
<u>Genchem</u>		3 Exams 70% Highest Exam Score 26%; Lowest 20%; Other 24%	
<u>Owl</u>		Quizzes 7% No make-up Quizzes given> IST QUIZ, Nod, May 22,10	
Course Home		2 Lonest scores dropped.	
Old Exams	2	Questions iaken who be of the time	
M.C. Questions	2.	You must have a passing exam average in order to pass the course. From ONL homework	
aboratory	3.	B. Lab Policies:	
Seneral		Lab Meets Tuesday/Thursday, 1:30-4:30, ISB 155.	
Lab Policy		You must complete all of the laboratory experiments to pass the course.	
<u> </u>	4.	Academic Honesty:	
<u>Lab Safety</u>		You will abide by the academic honesty policy of the campus. I expect you to do your own wor	
		an avanta and laba. Vaji mujah tluah all adjaulatar mantarias at anyi ahamistar intermetian hatar.	
ab Schedule		on exams and labs. You mush 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	
<u>May</u> <u>June</u>		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.	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:	
<u>May</u> <u>June</u>	5.	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	,
May June TA Information Section L01	5.	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.  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 b	,
May June TA Information Section L01 Experiments		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.  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 b assured of a B you should be in the 80's and 70's for a C.	,
May June TA Information Section L01		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.  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 b assured of a B you should be in the 80's and 70's for a C.  Exam Dates:	,
May         June           TA Information         Section L01           Experiments         E-1         E-2         E-3		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.  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 b assured of a B you should be in the 80's and 70's for a C.  Exam Dates:  Exam I Friday May 31 ISB 221 11:15-12:45	,
May         June           TA Information         Section L01           Experiments         E-1         E-2         E-3           E-4         E-5         E-6		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.  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 b assured of a B you should be in the 80's and 70's for a C.  Exam Dates:  Exam I Friday May 31 ISB 221 11:15-12:45  Exam II Friday June 14 ISB 221 11:15-12:45	,
May June  TA Information	6.	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.  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 b assured of a B you should be in the 80's and 70's for a C.  Exam Dates:  Exam I Friday May 31 ISB 221 11:15-12:45  Exam II Friday June 14 ISB 221 11:15-12:45  Exam II Friday June 28 ISB 221 11:15-12:45	,
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	6.	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.  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 b assured of a B you should be in the 80's and 70's for a C.  Exam Dates:  Exam I Friday May 31 ISB 221 11:15-12:45  Exam II Friday June 14 ISB 221 11:15-12:45  Exam III Friday June 28 ISB 221 11:15-12:45  C. Old Exams	,
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	6.	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.  Grade Cutoff's:  >90's A.	,
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	6.	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.  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 b assured of a B you should be in the 80's and 70's for a C.  Exam Dates:  Exam I Friday May 31 ISB 221 11:15-12:45  Exam II Friday June 14 ISB 221 11:15-12:45  Exam III Friday June 28 ISB 221 11:15-12:45  C. Old Exams	,

Lecture General	Date	Daily Schedule Updated Wednesday, April 17 :- 05:05 PM
<u>Genchem</u> Owl	Tuesday May 21	Lecture Material:  1.4 Unit Conversions  Lecture Material:  Lecture Ma
Course Home Old Exams M.C. Questions	Lecture 2	1.4 Unit Conversions  - How Important Are Units?  2.4 Ionic Compounds  - Nomenclature Some Memorization  2.1 The Structure of the Atom  Determining the execut many of an incorporation
Laboratory General Lab Policy Lab Safety Lab Schedule	9	- Determining the exact mass of an isotope - Atomic Weight What is it?  2.2 Elements and the Periodic Table - Divisions in the Periodic Table  2.4 Ionic Compounds - Coulomb's Law - Coulomb's Law Data - Coulomb's Law and Solubility
May June     TA Information     Section L01     Experiments     E-1		Homework: OWL Book 1.4 Unit Conversions     Mastery Unit Conversions     Book 2.1 The Structure of the Atom     Mastery The Structure of the Atom     Book 2.2 Elements and the Periodic Table     Mastery Elements and the Periodic Table  Announcements:  1. Daily Quizzes Start today.
Video Weighing Using a buret Titrating	Monday May 20 Lecture 1	Lecture Material:  Course Policy and Expectations!  - Lab Announcements  The Computer Resource Center  - Introduction to Owl  A Small Tour of Integrated Sciences Building  1.4 Unit Conversions



#### **OWL User Login**

**OWL Login** 

Login

Login Help



University of Massachusetts Amherst Courses - Amherst, Massachusetts Chemistry General

Login: NETID ... See dass Roster ofter class if you are unsure of this

Use your NetID

Password: LAST NAME ... OR whatever you have used in the past

Use your NetID password

LOG IN

You may safely bookmark this page.

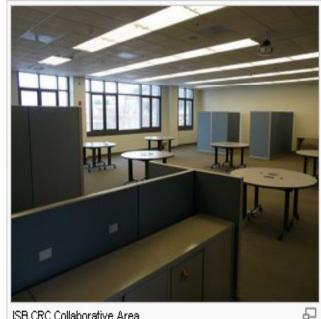
# ISB CRC

### 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: 8:000m to 4:30pm

1:00-2:30pm Manmed

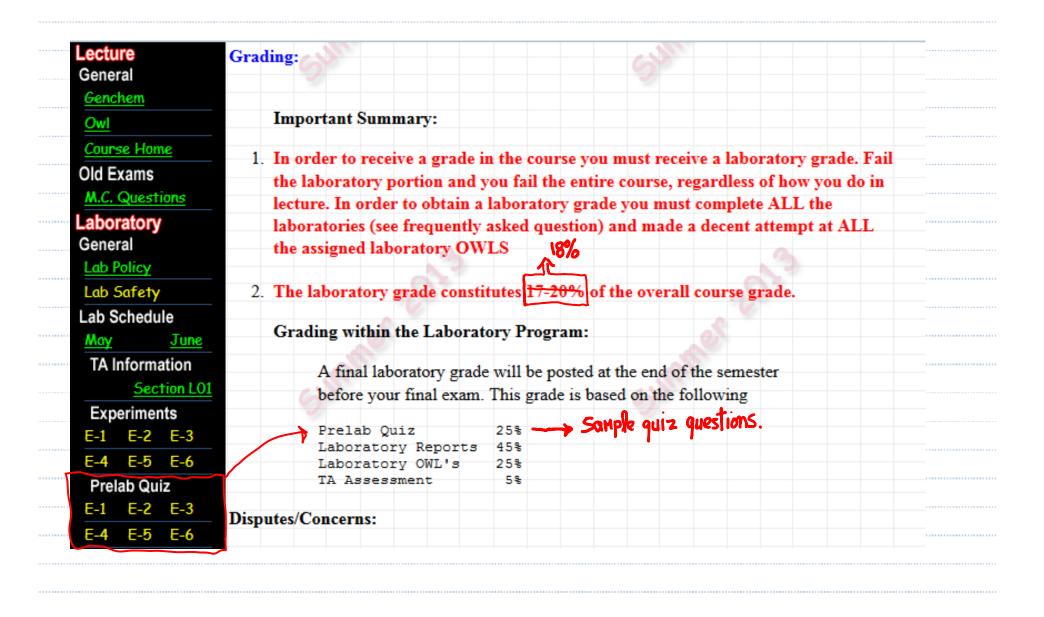
See Lab Schedule on elast

Neb site for More details.

[edit]

Lecture	
General	
Genchem	
<u>Owl</u>	
Course Home	
Old Exams	
M.C. Questions	
Laboratory	
General	7 Read prior to first lab Thespay, May 28th
Lab Policy	
Lab Safety	J
Lab Schedule	
<u>May</u> <u>June</u>	
TA Information	7 all lab naterials posted on class web site
Section L01	/ Add i project of original project of the same
Experiments	
E-1 E-2 E-3	I am retaking this course, do I have to retake the lab?
E-4 E-5 E-6	Here is the scoop on a lab waiver. If you received a grade of <b>F for the course</b> then you have to
Prelab Quiz	retake the lab. If you received any other grade then you are entitled to a lab waiver. You should
E-1 E-2 E-3	print a copy of your grade from Spire and take it to Marie Whalen, in ISB 341 where you will have
E-4 E-5 E-6	to fill out some painless paperwork. A cautious note, if your lab grade is <80, it is highly
Video	recommended that you retake the latest see he after class.
Weighing	Jee He after Cas
Using a buret	
Titrating	Slide - 9

Lecture	Chem 111				Print Page	
General	Laboratory Sched	ule				
<u>Genchem</u>	Note: There are 4	ab Owls associated	with this course. L	ab Owl 2-5. The nu	mber	
<u>Owl</u>	corresponding to the	e experiment after v	vhich this owl is due	2.		
Course Home			May 2013			
Old Exams	Monday	Tuesday	Wednesday	Thursday	Friday	
M.C. Questions	20	21	22	23	24	
Laboratory				2		
General		No Lab		No Lab		
Lab Policy			TBA: 1-2:30	TBA: 1-2:30	TBA: 1-2:30	
	Session I Starts 27	28	29	30	Add/Drop 31	
Lab Safety		1:30-4:30	7	1:30-4:30	01	
Lab Schedule	Memorial Day	ISB 155		ISB 155	Exam I	
<u>May</u> <u>June</u>	No Class	Exp 1	TBA: 1-2:30	Exp 2 TBA: 1-2:30	In Class	
TA Information			1BA: 1-2.50	15A. 1-2.30	·	
Section L01			June 2013			
Experiments	Monday	Tuesday	Wednesday	Thursday	Friday	
E-1 E-2 E-3	3	4	5	6	7	
E-4 E-5 E-6		1:30-4:30 ISB 155				
Prelab Quiz		Exp 3		No Lab		
E-1 E-2 E-3	TBA: 1-2:30	Lab Owl 2 Deadline	TBA: 1-2:30	TBA: 1-2:30	TBA: 1-2:30	
	10	11	12	13	Drop with 'W'	
E-4 E-5 E-6		1:30-4:30				
Video		ISB 155			Exam II	
Weighing	TBA: 1-2:30	Exp 4	TBA: 1-2:30	No Lab TBA: 1-2:30	In Class	
Using a buret	633	Lab Owl 3 Deadline				
<u>Titrating</u>	17	18	19	20	21	
		1:30-4:30 ISB 155				
		Exp 5				
	TBA: 1-2:30		TBA: 1-2:30	TBA: 1-2:30	TBA: 1-2:30	
		Lab Owl 4 Deadline				



### 1.4 Unit Conversions

a) Dimensional Analysis

## 1.4a Example\_1

Prior to the metric system, the common unit of weight was the pound (lb). Under the S.I. System, 1 lb = 453.5g. If an old recipe calls for 9 ounces of flour (16 oz = 1 lb), how many grams of flour is this equivalent to?