

Chemistry 6A F2007

Section 1 (MWF 9:00-9:50am)

Dr. Mack

No, I will not sign your add slip today.

Please wait and I'll explain why...

Chemistry 6A Fall 2007

Dr. J. A. Mack

Office: SQU 522C

Email: jmack@csus.edu

Course website: www.csus.edu/indiv/m/mackj/

Please purchase a copy of the class syllabus in the bookstore or download it from the website ASAP!

Office Hrs TBA on website.

Classroom Etiquette:

Please be punctual: parking or long lines at the food vendors are not an excuse for tardiness.

Please do not bring food into the class: bottled drinks are however OK. If you spill, you clean!

Please stay for the entire lecture: disruptions to the class are a discourtesy to your fellow students.

Please turn off your cell phone before class starts.

Repeated disruptions will result in removal from the course.

Question:

Ask yourself, “why am I here?”

hint... There is only one answer

Answer:

Because you want to be here!

Course Prerequisites:


- One year high school algebra; high school chemistry strongly recommended.
- Basic chemical nomenclature skills
- Basic knowledge of the metric system and metric prefixes
- This course is presented as a survey course in chemistry.
- It is not a substitution for general chemistry (1A & 1B).
- Depending on your major, you may be required to take general chemistry if you are planning on a more advanced or professional degree.
- Check with your major department or professional program.

No labs this week!

Labs begin next week!

- Adds are taken through the labs only.
- Once you are in a lab, you are in the lecture.
- Most labs are full so you may need to visit more than one section.

Switching Sections:

If you are enrolled in a lab section and wish to switch, you must first **drop your current section via**  then sign in to the add-list in the section you want. You will not be given any special priority.

The course **wait lists** are used by the registrar for enrollment purposes up until the close of registration of Friday, August 31st.

After the class rosters were finalized on that date, the wait lists were supposed to be emptied... however they were not... **DOH!**


The wait lists have no bearing on your priority to add.

Students wishing to add will sign new add-lists in the lab section classrooms.

Adds to the course will be filled by chemistry department priority policy.

Add / Drop Policy:

You may only add through the laboratory sections.

You cannot add via 

To add the course you must obtain a signature from the lab instructor.

- No add slips will be signed until next week.
- Add's will be taken by priority.
- Please bring documentation that identifies your class standing if you plan to add.

Hang in there, persistence will pay off. If you want to add, invariably by the 3rd week, there will be a spot open for you to add.


Add / Drop Policy: *cont.*

Dropping Chem. 6A

It is your responsibility to formally drop a course.

If you do not, you will receive an "W/U or F" grade.

First Two Weeks:

Use  no approval is necessary.

Week 3-6:

The instructor and the department chair must approve drops. You will receive a "W" on your transcripts.

After that, you are in. I will not sign drops without a serious and compelling reason. (see the college catalog)

Welcome to CSUS!

- Congratulations, you are in "BIG SCHOOL" now.
- This means you are an adult and as such **YOU** are responsible for your learning.
- You have chosen to sign up for this course, it is up to you to make the most of it.
- Your performance in this course is up to **YOU**.
- Your grade will more than likely be determined by the equation:

Time in = Grade out

Repeat after me...

Nobody's fault but mine!

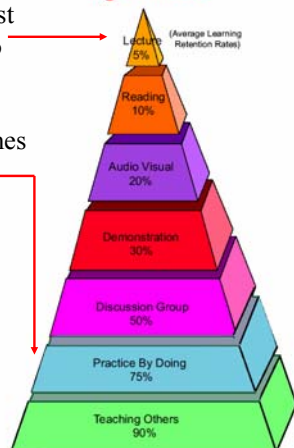
The Learning Pyramid:

To improve your success, you must do more than "just showing up" to class.

The majority of your learning comes from practice.

***You are here because you chose to be here!
It is your responsibility to make the most of it.***

Learning Pyramid



How and where you learn....

~~But the only possible learning of (by students) is presented.~~

Conclusion: It will take more than attending lecture only to be successful in this course!

You need to put the time in outside of class to maximize your understanding of the material!

Retention jumps up significantly!

Learning Pyramid



This course is a 5 unit lecture-lab class.

This is **NOT** just another 3 unit com-studies or business “*basket weaving*” course.

We estimate you will need to spend ~ 15 hours /week outside of class time on your course work.

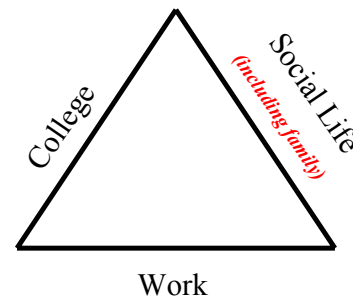
If you think you can pass while taking 18 units & working 20+ hours a week, **YOU ARE MISTAKEN!!!**

Please **realistically evaluate** whether or not you have enough time to commit to this course.

YOU CAN'T BEAT THE TRIANGLE...

The Reality Triangle

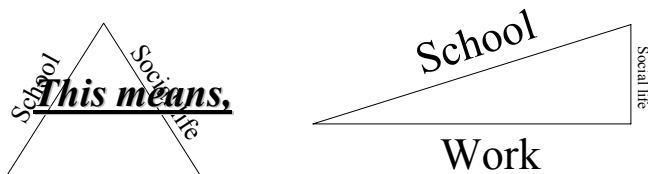
You may chose only 2 of the 3 sides...



You need to decide which 2 are important.

If you work and have a full load of classes...

Your triangle looks like more like this...



No yakking on the cell phone for 4 hrs a day
No video games
No watching American Idol
No Clubbin' at night
and **No** surfing “MySpace” on the web!

What must you do to succeed?

Follow two simple rules:

- Rule 1:** *Pay Attention*
Rule 2: *Follow Directions*

- 1: Keep up with the text reading.
- 2: Keep up with the homework. (*3 to 4 problems a night!*)
- 3: Prepare for lab. (Pre-Lab Assignments)
- 4: Come to office Hrs. when you need help (*see web*)
- 5: *Review your mistakes!*

Lecture Notes Policy:

- I **DO NOT** intend for you to copy all that I present in lecture.
- You need to take notes that **summarize** what I cover.
- I will always allow ample time to copy worked problems.
- Lecture is designed to be a **secondary** source of exposure to the course material.
- You need to have **at least** looked over the assigned reading and attempted some of the problems before coming to lecture to gain the maximum benefit of the discussion.
- I will post the notes online within one day **after** the lecture, not before, so please don't ask.

Lab attendance:

- You are allowed only **one** unexcused absence over the course of the semester.
- After that, you must provide documentation in order to receive permission to make up the missed lab.
- Oversleeping, parking or “*slackeritus*” are not valid excuses for missing a lab.
- You will receive a zero for any unexcused lab. (Zero tolerance!)
- If you do miss a lab legitimately, you have only one week to make it up.
- See your copy of the syllabus for all of the details...

Chemistry is really...

Chem is try

You must:

Practice

Practice

Practice

~15 hrs a week
outside of class

Chemistry is really...

You must:

Practice

Practice

Practice

~15 hrs a week
outside of class

Who is this guy?

That's right: Tiger Woods!

He's good at what he does... Why?

Practice

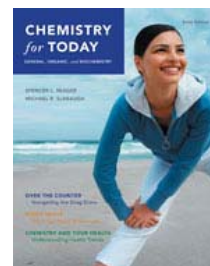
Practice

Practice

If you want to be like Tiger, then work like Tiger!



Course Text:



Chemistry for Today: General, Organic, and Biochemistry, 6th Edition

Spencer L. Seager - Weber State University
Michael R. Slabaugh - Weber State University
ISBN-10: 0495112828

*Yes I know it is expensive,
write your elected
representatives to enact
price controls.*

Course website: www.csus.edu/indiv/m/mackj/

Lab Text:



Hein, Peisen, Ritchey, Pattison, Arena: General, Organic & Biochemistry in the Laboratory, Introduction to, 8th Edition

Morris Hein, Mount San Antonio College
Judith N. Peisen, Hagerstown Community College
James M Ritchey
Scott Pattison, Ball State University
Susan Arena, University of Illinois, Urbana-Champaign
ISBN: 978-0-471-45194-5

*Chemistry department approved safety goggles are
required by week 2.*

Homework Submission:

Homework will be submitted using the OWL system.

OWL stands for: Online Web-based Learning

- If you purchased your textbook here, you already have the access code.
- If you purchased it elsewhere, you need to buy the code online. See the Homework page on my web site for details.

The **OWL** system will grade your answers and report your scores to me.

Please register and go through the tutorials ASAP. Your first homework assignment is due on 9/16/07

If you are trying to add...

Do not sign up for OWL until you know you are in a lab section!

If you are enrolled, you must sign up under the CORRECT LAB section.

If you are not sure, then wait!

Please read the info on the HW web page and in your syllabus ASAP!

Make sure you go through the OWL tutorials first or you will have trouble working with the system.

No late HW will be accepted.

Remember, your HW is only 7% of your grade...

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9-5-07

25

Logging into OWL

Step 1: You must have an OWL code

This is not the ThomsonNOW web based content listed in your text.

The own code is included in your text bundle or it may be purchased on line. (see my HW page on the web site)

Step 2: Follow the links to sign up

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9-5-07

26

When you log onto the OWL website you will see a page like this.

Log In or Register Here

Step 1: Choose your textbook or chemistry course:

- Allied Health
- General
- Quick Prep
- Intro/Prep
- Liberal Arts
- General

Buy an Access Code Online

Students, your new textbook includes an OWL access code. If you do not have a new textbook with a code, you can buy an access code online. Download the OWL Access Code Guide.

OWL Demos

Chemistry Courses/Textbooks:

- Intro/Prep
- Allied Health
- Organic
- Liberal Arts
- General
- Quick Prep

Technical Support

Instructor Student

Click the Instructor or Student button above to access OWL, dedicated Technical Support FAQs as well as Live Chat and phone support. Web: www.thomsonedu.com/support/

For Instructors

- What's New in OWL: A walkthrough of features updated for OWL this year, based on feedback from OWL users.
- Getting Started Guides: You'll find useful quick guides and longer, detailed guides for instructors in PDF format.
- OWL Overview: Not an OWL user? Learn more in this brief demo about what makes OWL the most effective homework system for chemistry.
- Training Opportunities: Learn about forthcoming online training events from Thomson Brooks/Cole.
- Thomson Brooks/Cole Chemistry Homepage: Visit us for information on a specific Brooks/Cole chemistry text, lab manuals, and supplements.

Links to Computer Science

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27

User Login and Student Registration: Select Book

Courses

- Intro/Prep Chemistry
- Liberal Arts Chemistry
- Allied Health Chemistry
- General Chemistry
- Organic Chemistry
- Quick Prep Chemistry

Start Over Tech Support

Textbook Selection

- If needed, select a different course type at the left.
- Click on your textbook below.

If you cannot find the correct book listed below please contact your instructor to check if they intend to

Click on the "Chemistry for Today" link

Allied Health Chemistry

Cover	Name
	Chemistry for Today: General, Organic, and Biochemistry, 6th Edition: Seager, Slabaugh
	Chemistry for Today: General, Organic, and Biochemistry, 6th Edition: Seager, Slabaugh: e-Book

Not this one!

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User Login and Student Registration: Select Institution

Courses
Intro/Prep Chemistry
Liberal Arts Chemistry
Allied Health Chemistry
General Chemistry
Organic Chemistry
Quick Prep Chemistry

[Start Over](#) [Tech Support](#)

Book: **Chemistry for Today: General, Organic, and Biochemistry, 6th Edition; Seager, Slabaugh**

Please choose your institution:

If you cannot find your institution listed below please contact your instructor to check if they intend to use OWL, if your book selection is correct and what department to choose.

Click the CSUS link

- Ball State University - Muncie, Indiana
- Briarwood College - Southington, Connecticut
- California State University - Long Beach Campus, Long Beach, California
- California State University - Sacramento Campus, Sacramento, California
- Central Oregon Community College - Bend, Oregon
- Central Piedmont Community College - Charlotte, North Carolina
- Century College - White Bear Lake, Minnesota
- Demo
- Emporia State University - Emporia, Kansas
- Gulf Coast Community College - Panama City, Florida
- Hudson Valley Community College - Troy, New York
- University of Louisiana - Monroe Campus, Monroe, Louisiana
- University of Southern Mississippi - Hattiesburg, Mississippi

Mack

User Login and Student Registration: Select Department

Courses
Intro/Prep Chemistry
Liberal Arts Chemistry
Allied Health Chemistry
General Chemistry
Organic Chemistry
Quick Prep Chemistry

[Start Over](#) [Tech Support](#)

Book: **Chemistry & Chemical Reactivity, 6th Edition; Kotz, Treichel, Weaver**
Institution: **California State University - Sacramento Campus, Sacramento, California**

Please choose your department:

- Choose **User Login Page** if you have already have an OWL account in the department.
- Choose **Student Registration** if you are a student have not registered yet.
- Choose **Request Instructor Account** if you would like an instructor account for the department.

If you cannot find the correct department listed below please contact your instructor to check if they intend to use OWL, if your book selection is correct and what department to choose.

Department	User Login Page	Student Registration	Request Instructor Account
Chemistry Department			

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Click on the "Student Registration" link

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User Login and Student Registration: Select Course

Courses
Intro/Prep Chemistry
Liberal Arts Chemistry
Allied Health Chemistry
General Chemistry
Organic Chemistry
Quick Prep Chemistry

[Start Over](#) [Login Page](#) [Forgot My Login/Password](#) [Tech Support](#)

Book: **Chemistry for Today: General, Organic, and Biochemistry, 6th Edition; Seager, Slabaugh**
Institution: **California State University - Sacramento Campus, Sacramento, California**
Department: **Chemistry Department**

Press the arrow box in the **Section #** column for the desired course and section. If your course and section are not found follow the instructions below.

If you cannot find your course listed below please contact your instructor to check if they intend to use OWL, if your book selection is correct and what course to choose.

Choose you discussion/lab section.

From here!

Not here!

Course Name	Section #	Section Name	Days	Time
Chem. 6A CSUS Fall 2007 (Dr. Mack)				
Chemistry 6A--Allies				
Chemistry 6B		TBA-2	TBD	TBD
		TBA-3	TBD	TBD
		TBA-4	TBD	TBD
		TBA-5	TBD	TBD
		TBA-6	TBD	TBD
		TBA-6	TBD	TBD

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Student Registration: New User Form

[Start Over](#) [Login Page](#) [Forgot My Login/Password](#) [Tech Support](#)

Book: **Chemistry for Today: General, Organic, and Biochemistry, 6th Edition; Seager, Slabaugh**
Institution: **California State University - Sacramento Campus, Sacramento, California**
Department: **Chemistry Department**
Course: Chem. 6A CSUS Fall 2007 (Dr. Mack) Section #: 2-3 Instructor: Dr. Roberts / Dr. Toofan Time: M 10:00am - 1:30pm Location: SQU428

Self-Registration Form

Instructions:

- All the fields must be filled in to continue.
- Enter your login (user name) and a password for the OWL system. If you have used your past login and password.
- The login must be at least 2 characters or more.
- The password must be at least 4 characters or more.
- Enter your full first and last name along with your school Student Number.
- You must include an email address.
- The Access Code value either accompanied your book or can be purchased separately.
- After completing the registration you will be able to log into OWL.

Fill in the information required.

Use your new 9 digit SID number, not your SS#

First Name
Last Name
Student Number
Login
Password
Confirm Password
Email Address
Telephone Number
Access Code

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32

Current Course Assignments

Course & Assignments
 Course Menu
 Course Grades
 Course Notes
 Assignments

Support & Miscellaneous
 Appendix
 Units of Measure
 User Info
 Clicker Registration
 Help
 Add/Switch Course
 Send Message
 View Messages
 Logout

Unstarted Assignments | **Current Assignments** | Past Due Assignments | Assignment Folders

Course Name	Section	Instructor	Location	Time
Chem. 6A CSUS Fall 2007 (Dr. Mack)	10-11	Ms. Smith	SQU428	Th 1:30pm - 5:00pm

There are no current assignments in this course.

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Once you are logged in, click "Current Assignments"

CSUS Chem 6A F07 Dr. Mack 9-5-07 33

Unstarted Course Assignments

Course & Assignments
 Course Menu
 Course Grades
 Course Notes
 Assignments

Support & Miscellaneous
 Appendix
 Units of Measure
 User Info
 Clicker Registration
 Help
 Add/Switch Course
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Unstarted Assignments | Current Assignments | Past Due Assignments | Assignment Folders

Course Name	Section	Instructor	Location	Time
Chem. 6A CSUS Fall 2007 (Dr. Mack)	10-11	Ms. Smith	SQU428	Th 1:30pm - 5:00pm

Unstarted Assignments: (students cannot view yet)

Requirement Status	Assignment	Start Date	Due Date	Your Grade
Required	Intro to OWL 1: Navigation, Messages, and Browsers	9/16/2007 10:00 AM	9/16/2007 10:00 PM	1 of 2
Required	Intro to OWL 2: Question Types in OWL	9/03/07 6:00 AM	9/16/2007 10:00 PM	-
Required	Intro to OWL 3: Chemical Formulas, Scientific Notation, and Tables	9/03/07 6:00 AM	9/16/2007 10:00 PM	-

Be sure that you complete the: **BEFORE ANYTHING ELSE!**

Intro to OWL: Start Here
 Question Types
 Chemical formulas... etc...

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Chem. 6A this week:

No Labs.
Lecture Friday: Chapter 1

Chem. 6A next week:

Lab: Check-in, Exercise 1 from lab manual (quiz 1)
Lecture: Chapter 1 & 2

CSUS Chem 6A F07 Dr. Mack 9-5-07 35

Chapter 1 Learning Goals:

- Explain what matter is in terms of the differences between physical and chemical properties and changes.
- Describe matter in terms of the Scientific Method and classify matter based on observations or information given.
- Understand the importance of measurement units and the units of the metric system.
- Use conversion factors to convert measurements from one set of units to another related unit, including temperature.
- Express and perform calculations involving numbers using scientific notation.
- Express the results of measurements and calculations with the correct number of significant figures.
- Use the factor-unit method (dimensional analysis) to solve problems, including percentages and density.

CSUS Chem 6A F07 Dr. Mack 9-5-07 36