

## Chemistry 1A Fall 2007

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Course websites:

primary: <http://www.csus.edu/indiv/m/mackj/chem1a/>  
section 15: [http://www.csus.edu/indiv/g/ghermanb/F07\\_001A.lecture.htm](http://www.csus.edu/indiv/g/ghermanb/F07_001A.lecture.htm)

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

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### Course Prerequisites:

- High school chemistry (or an equivalent course)
  - Basic chemical nomenclature skills
  - Knowledge of the metric system and metric prefixes
- 2 yrs of high school algebra

If you have not taken high school chemistry, you may wish  
to take **Chem. 4**.

**MWF 8:00-8:50a.m. MND 1005**  
**MWF 10:00-10:50a.m. SQU 301**

**Chem. 4** is a college preparatory course  
equivalent to high school chemistry.

The course will cover basic principles of chemistry, problem  
solving techniques, and the language chemical nomenclature.

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### Labs begin today! You must attend.

**All** students must pass a *standardized diagnostic test* to enter into the  
course.

- The test will be administered in lab.
- Please bring a calculator and pencil to the lab.
- The test covers basic math and high school chemistry.

A score of 34 or greater out of 60 questions (57 %) is required to stay in  
the course.

A score of 34 statistically predicts that a student will earn a C- or worse  
in chem. 1A.

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Enrolled students that do not score 34 or greater must drop via  
MY.CSUS.EDU, the chemistry department will not drop you.

You can sign up for chem. 4  
(MWF 8:00-8:50 am, MND 1005 or MWF 10:00-10:50 am, SQU 301)

\*If you passed chem. 4 with a C or better you may still enter  
chem. 1A even if you fail the diagnostic test.

\*If you are repeating chem. 1A, you may enter chem. 1A even if  
you fail the diagnostic test.

**If you are repeating the course you *MUST* repeat the lab.**

**The chemistry department from now on will no longer allow  
students to skip the lab when repeating a course.**

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The diagnostic test will be administered in the lab sections **THIS WEEK** only.

If you fail to take the test by Thursday, you cannot add the course or you must drop if enrolled.

*The last time to take the test is on Thursday, 9/6/07 at 6:00 pm in SQU 416 or 418.*

No add slips will be signed until next week.  
You can't add via *MY.CSUS.EDU*.

### Switching Sections:

If you are enrolled in a lab section and wish to switch, you must first **drop your current section via MY.CSUS.EDU** then sign in to the add-list in the section you want.

You will not be given any special priority.

### Add / Drop Policy:

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You may only add through the laboratory sections.  
**You cannot add via MY.CSUS.EDU.**

To add the course you must

- (1) pass the diagnostic test.
- (2) obtain a signature from the lab instructor.

- No add slips will be signed until the second lab meeting of next week.
- Adds will be taken by priority.

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.*

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#### **Dropping Chem. 1A**

**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 MY.CSUS.EDU, 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)**

This course is a **5-unit** lecture-lab class.

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

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

To improve your success, you must do more than “just showing up” to class.  
The majority of your learning comes from practice.

### 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.

### Course Text

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Lecture:  
**“Chemistry and Chemical Reactivity”,  
6th ed.  
by Kotz, Treichel, & Weaver**



**Lab:** Please download all lab materials from:  
<http://www.csus.edu/indiv/m/mackj/chem1a/>

### Class Website

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*“your home away from class”*

primary: <http://www.csus.edu/indiv/m/mackj/chem1a/>  
section 15: [http://www.csus.edu/indiv/g/ghermanb/F07\\_001A.lecture.htm](http://www.csus.edu/indiv/g/ghermanb/F07_001A.lecture.htm)

If you get lost:

<http://www.csus.edu>

Go to the “faculty web pages” in the pull-down menu and find:  
primary: **Dr. Mack**      section 15: **Dr. Gherman**

Once you are at the main page of the web site, click the link: “**Chem. 1A**”

Please sign up for the class email lists. (Click the Listproc link)

All of the information you need concerning both lab & lecture is found on the websites.

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- You are responsible for this information.
- Please make copies for your reference.
- A 3-ring binder works well for this. You can also use this to keep track of your papers from lab and lecture.

It is your responsibility to keep track of your individual scores.

Updates of your overall percentage will be provided after each exam on the primary course website.

### 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 5% of your grade...

### Lecture Notes Policy:

•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.

•Online notes will be posted on the primary course website approximately one day **after** the lecture, not before.

**These notes will coincide with content and timeline, but will not replicate material from lecture.**

### **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, etc. 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...

### What must you do to succeed?

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- 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!**

### This week: 9/5/07

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#### Lecture:

Chapters 1, 2 & 3

- Chapters 1, 2 and part of 3 are **review** materials, please read thoroughly by the end of next week.
- I will cover only parts of chapters 1, 2, and 3 in lecture; you are responsible for all of the material therein.

#### Labs:

Week 1: Diagnostic Test

Week 2: Significant figures & nomenclature  
**download from the website**  
adds signed Wed./Thurs.

Week 3: Exp. 1 and 2

### **For next week:**

Please download the **math & significant figures** handout from the web.

Bring it to lab on Mon./Tues.

Please download and print the **nomenclature worksheet** for Wed./Thurs.

These are located on the "lab" page of the primary course website.