Welcome to...

Chemistry 131@The Brook

Before taking your seat, get handout:

After taking your seat:
- Read the General Chemistry I handout
- Discuss it with your neighbors
- Prepare to ask any questions you may have

CHE 131 Web Site
http://www.sinc.sunysb.edu/Class/che131

What is Chemistry?
Chemistry is Synthesis

What is Chemistry?
Chemistry is Dynamics
What is Chemistry?
Chemistry is Structure

What is Chemistry?
Chemistry is Analysis

How is your CHE 131 grade determined?

Exam 1: 100 pts Mon., Feb. 12 (90 min)
Exam 2: 100 pts Tue., March 13 (90 min)
Exam 3: 100 pts Wed., April 18 (90 min)
Final: 200 pts Thur., May 10 (150 min)
Lecture: 50 pts
Workshop: 50 pts includes homework
CAPA Quiz: 50 pts Due Tuesday at 3:00 AM*
Total: 650 pts

*CAPA due date in the handout is wrong

NOTE: All midterm exams are from 8:30 – 10:00 PM
You must take exams in your assigned room
How is your CHE 131 grade determined?

A: 90%  A-: 85%  B+: 80%  B: 75%  B-: 70%
C+: 65%  C: 50%  D: 40%  F: below 40%

NOTE:
- 85% will definitely be an A-
- There will be no curve
- As you learn, help others learn in order to improve your own learning

What are exams like?

Midterms
- 18-23 machine-graded multiple choice
- 2 open-ended questions
- Bonus question

Final
- 50 machine-graded multiple choice
- Bonus questions

Who will help you learn chemistry?

Lecturers:

Prof. Benjamin Hsiao

Research:
- Polymer Crystallization
- Polymer Nanocomposites
- Nanofiber Technology for Environmental and Biomedical Applications
- Drug Delivery and Tissue Engineering
- Synchrotron X-ray Scattering/Diffraction

Prof. Stanislaus S. Wong

Research:
- Nanoscience and Nanotechnology: Science and Applications in Physical
  - Rational Chemical Functionalization of Nanotubes
  - Synthesis and Characterization of Novel Non-Carbon Nanostructures
  - Efforts in Probe Microscopy
Who will help you learn chemistry?

Workshop Coordinator:

Dr. Troy Wolfskill

Research:
- Chemical education technology
- Curriculum development

Who will help you learn chemistry?

CAPA Quiz/Help Room Coordinator:

Dr. Brad Tooker

Teaching Assistants:
- Graduate Workshop Instructors
- Undergraduate Help Room Staff
- Undergraduate CHE 130 Instructors

What resources will you need?

3-Ring Binder to Stay Organized!!!

For:
- Handouts
- Lecture Notes
- Quizzes
- Homework
- Practice Exams
- Real Exams

What resources will you need?

Web Sites:  [www.sinc.sunysb.edu/Class/che131/](http://www.sinc.sunysb.edu/Class/che131/)

For:
- Announcements
- Assignments
- Lecture notes
- Resources
What resources will you need?

Web Sites:  http://blackboard.sunysb.edu

For:
- HW Solutions
- Practice Exams
- Grades
- CPS instructions

What resources will you need?

Textbook: Chemistry: The Molecular Science, Moore, 2nd Ed. + Molecular Model Kit

For:
- Reading assignments
- Sample problems
- Homework assignments
- Workshop resource
- Quizzes
- Preparing for exams

What resources will you need?

LUCID:  http://lucid.chem.sunysb.edu

For:
- Workshops
  username: net (Blackboard) ID
  password: 9-digit Solar ID

You will need to change your password to something you will remember after you login the first time.

What resources will you need?

Response Pad (Radio Frequency)

For:
- Responding to in-class lecture questions
- Getting points for lecture participation

See “Instructions for Registering Your RF Response Pads”, or go to http://cpsonline.einstruction.com/

Points begin Mon., Jan. 29
What resources will you need?

Scientific Calculator

For Everything:
- Lectures
- Workshops
- Quizzes
- Homework
- Practice Exams
- Exams

What do you need to attend?

Lectures
- MWF  8:30 – 9:25 AM
Lecture participation is a portion of your grade.
You must attend your scheduled lecture!!!
In a crisis, enroll at e-instruction before attending.

Workshops
Workshop participation is a portion of your grade.
You must attend your scheduled workshop!!!

All schedule changes are handled in SOLAR!!!

What do you need to bring to meetings?

To Lectures:
- Printed lecture notes are recommended
- Response Pad
  Be sure you are enrolled in the section
- Calculator

To Workshops:
- Ring binder with homework
- Activity book (unless you are in Room 432/434)
- Textbook
- Calculator

What do you need to bring to meetings?

To Everything:

Your Brain!!!
Where can you get help?

General Help: (lecture, quiz, homework, exam)
   Chemistry Learning Center
   Take the stairs from the main lobby in the Chemistry Building to the 2nd floor; turn left at the top, the Center is through the glass doors.

CAPA Quiz Technical Assistance
   – Dr. Tooker, Chemistry Room 470

Workshop Issues:
   – Workshop instructor, Chemistry Learning Center
   – Dr. Wolfskill, Chemistry Main Office, MF 1-2 PM

Course organization, grades, personal issues:
   – Course lecturers

How can you get a high grade?

Recommendations from Help Room Staff:
   – Plan on 9-12 hours of chemistry study each week!
   – Skim the text before lecture to identify key points
   – Attend lecture, listen carefully, and take notes
   – Review your notes and read the text carefully, being sure to understand the sample problems
   – Identify the CAPA quiz questions from the lecture and try to complete them on your own
   – Do the best you can on the assigned homework
   – Go to and participate in workshops
   – Review online homework solutions
   – Do the practice exams to test yourself

GET HELP AS SOON AS YOU NEED IT!!!

How can you get a bad grade?

   – Don’t read the text
   – Don’t study enough to keep up with the lectures
   – Don’t come to lectures and workshops
   – Don’t do the CAPA
   – Don’t attempt the homework assignments
   – Don’t study with others
   – Don’t get help when you need it
   – Don’t come to exams
What is and isn't academic dishonesty?

You are encouraged to work with others on:
- In-class questions
- Workshop activities
- Homework
- CAPA quizzes (when you are stuck)

You will receive a course grade of F if you:
- Respond for someone else or have someone else respond for you to in-class questions
- Enter for someone else or have someone else enter for you responses to the CAPA quiz
- Gain or provide assistance during exams through either others or unauthorized materials

Finally...

- Work hard
- Have fun
- Good luck!!!