

Chemistry 7 (B&D)

WELCOME TO CHEMISTRY 7
Sections B/D

Course Information

Instructor Dr. Richard Gross

Office C115 Schmitt Hall (Local 5633)

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Hours MWF 9:30 - 10:30 AM

E-mail ateneochemistry7@gmail.com

Course www.chemistry7.wordpress.com

Course Website


www.chemistry7.wordpress.com

Chemistry 7
Class website for Chemistry 7 (Sections C/D) at Ateneo de Manila University

home lecture links solutions quizzes and exams syllabus schedule

search go!

Welcome May 10, 2006
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Welcome to the blogsite for the Chemistry 7 class, Sections C and D, at the Ateneo Manila de Manila University. I will use this site as a means to communicate announcements and to provide feedback on lecture, quizzes and exams. Feel free to explore the links provided above for additional information about the course.

Categories
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Blog Roll

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▪ May 2006

FEEDS  FULL  COMMENTS

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www.chemistry.wordpress.com

- Blog For Announcements & Assignments
- Syllabus/Schedule/Problem Sets/Solutions
- Lecture Notes
- Sample Quizzes and Exams
- Links (lots of great stuff that can help you if you go for it)

Materials For Chemistry 7

Text: "Chemistry, The Molecular Nature of Matter and Change by M. Silberberg, 4th Ed. Ateneo Bookstore (get colored it will help---take good care of it)

Other good chemistry texts include Petrucci and Harwood, Brown & Lemay, Whitten, Peck & Davis.

Calculator: a non-programmable, non-graphing calculator. Cell phone or PDA calculators can not be used.

Prerequisite: Math 11 or Math 18a

Schedule and Homework

DATE	CHAPTER	TOPIC	PROBLEMS
June 19/21	1	Chemistry: The Study of Change	1,4,8,9,11-18,21-25
June 23			No Class – Faculty Day
June 26/28	1	Chemistry	29,31-34 36-38,40,42,43,48,50,54,55,64,70,72, 73,76-78
June 28/30 July 3	2	Atoms, Molecules and Ions	2, 5, 6, 8, 12, 15, 17, 26, 35-38,40,42,44,48,55-56,58,59,60,71,73, 77,84,85,88
July 5/7/10/12	3	Mass Relationships in Chemical Reactions	1,2,3,6,8-11,14,16,18,20,24,26,27,30,34,37,42,46,48,52,55,60,61,64, 68-72,78-80,82,84,86-88,90,94,96
July 14		Review For Examination 1	
July 17		Examination 1	
July 19/21/24	4	Reactions in Aqueous Solutions	1,3,10,14,18,20,24,26,32,34,44,48,50,54,60,64,70,77,78,84,86,99,102 106,114,122
July 26/28	5	Gases	1,2,5,12,14,17,20,22,24,28,32,36,39,44,48,50,54,58,60,61,64,68,72, 82,90,92,95,96,100,110,112,115,119,126,134
July 31			No Class – School Holiday
Aug 2/4	5	Gases	
Aug 7/9/11/14	6	Thermochemistry	1,2,6,7,11,12,16,18,20,21,26,28,29,30,34,38,39,43,46,48,51,54,60,63, 64,74,78,81,84,86,87,91,100,103,108,113,114
Aug 16		Review for Exam 2	
Aug 18		Examination 2	
Aug 21/23/25/28	7	Quantum Theory and Electronic Structure	1,3,5,8,10,14,16,25,28,29,34,35,37,42,44,47,50,53,54,56,60,66,69,71, 80,82,87,100,124
Aug 30 Sept. 1/4/6	8	Periodic Relationships Among the Elements	1,2,5,6,12,13,20,22,24,28,30,33,34,38,44,49,51,52,59,61,65,70,74,81, 82,102,104
Sept 8/11/13/15	9	Chemical Bonding I	1,3,6,7,11,13,16,21,26,29,32,33,40,41,42,44,45,46,49,51,52,54,56,57, 67,72
Sept 18		Review for Exam 3	
Sept 20		Examination 3	
Sept 22/25/27/29	10	Chemical Bonding II	1-6,8,10,11,15,18,20,25,27-29,31-34,42,44,45,46,52,54,58,64,65,69, 76,88,89,96
Oct 2/4/6	11	Intermolecular Forces/Physical Properties	2-8,11,12,16,18-20,27,29,31, 32,34,38, 46,48,54 ,59,60 ,63,68, 78,80, 86,94,97,108,111
Oct 9		Review for Exam 4	
Oct 11		Examination 4	
Oct 13		Review for Final	
Oct 16-21		Comprehensive Final Exam	(date to be announced)

Quizzes and Problem Sets

12 unannounced quizzes.

➔ 2 lowest dropped

➔ Some quizzes--easy freebies--don't miss class

➔ Some quizzes may be a homework problem

Homework (problem sets)

➔ will not be collected or graded routinely.

- except on occasion as a quiz grade

- THIS IS THE KEY TO YOUR SUCCESS!

EXAMS

- ☑ Four-one hour exams (150 pts)
- ☑ Multiple-choice--they will be fair and reasonable
- ☑ You are allowed one-make up exam in the event of a bad day (night).
 - ➔ Make-ups are slightly more difficult
 - ➔ Make up test grade counts if higher

ATTENDANCE

- You are expected to attend all classes. 9 cuts and you get a W.
- Zero's are awarded for unexcused absences during quizzes & exams
- Excused absences include illness, death in family, serious illness in the family. Need to let me know before the exam---not after.

Rules and Guidelines

- ☑ Be courteous & arrive to class on time.
- ☑ Unexcused absences will prohibit you from turning in homework, taking a quiz/exam.
- ☑ Cellular phones are forbidden
- ☑ Prepare for class & complete reading assignments before lecture
- ☑ Attend class-----you get 9 “cuts” or a W
 - ➡ See you student handbook for details

Rules and Guidelines

- You will be called on in class--so please be prepared to answer questions
- Again, please do the assigned reading and homework . If you don't you be prepared to withdrawal from the Course or fail.
- Do well in the homework problems you will ace the glass easily.

Rules and Guidelines

- Academic honesty is a requirement.
- I may have outside recitation sessions if students think it would be helpful.
- Please email me anytime if you have questions about the course or if you need some advise on some matter.

Class Beadle

University mandates that a class representative be appointed to:

➔ Assist in class attendance

➔ Disseminate course information

➔ Handout-Collect Class Materials

➔ Report Faculty Absences

Any volunteers?

Grading Scheme

Event	Date	Points	% of grade
Exam 1	July 13	150 pts	15 %
Exam 2	August 15	150 pts	15%
Exam 3	Sept 14	150 pts	15%
Exam 4	Oct 3	150 pts	15%
Quizzes (10)	Whenever	150 pts	15%
Final Exam	October	250 pts	25%
TOTAL		1000	

Final Exam Exemption

- 649 points (86.5%) = EXEMPTION
 - ➔ 649 pts out of possible 750 pts before the final
- No jeopardy to the pre-final exam grade.
- B+ before exam ensures B+ after
- Trust me You don't want to take the final

Grading Scheme, con't

Points	Grade
92.5-100.0	A
86.5-92.4	B+
81.5-86.4	B
75.5-81.4	C+
69.5-75.4	C
59.5-69.4	D
<59.5	F

Guidelines

- If you have a disability of any sort please see me ASAP.
- Please see me if you need help
- Take advantage of my office hours. Stop in and see me if you are having problems or if you just want to talk.

How To Succeed in Chem 7

- Go to every class--sit up front.
- Read the assignment before class
- Ask questions--be involved
- Do not rely on the notes of others!
- Do the assigned problems!!!!!!!!!!!!
- Review old exams and quizzes.
- Make friends and study in groups.
- DON'T FALL BEHIND !

Assignment 1

- Buy textbook and calculator
- Go to: chemistry7.wordpress.com
 - ➔ download and read the syllabus
 - ➔ familiarize yourself with the course website---Great links to help you learn
- Read up to Section 1.5 in textbook
 - ➔ start working assigned problems
- Write down what you don't understand

Assignment 1, con't

- Send me Email or attachment in email with the following information:

StudentID Number, password, firstname, lastname, email address

123455, GoYankees, Richard, Gross, youremailaddress@xxx.yyy

- Subject Line: Chem 7 Section (B or D)
- Send To: ateneochemistry7@gmail.com

About me

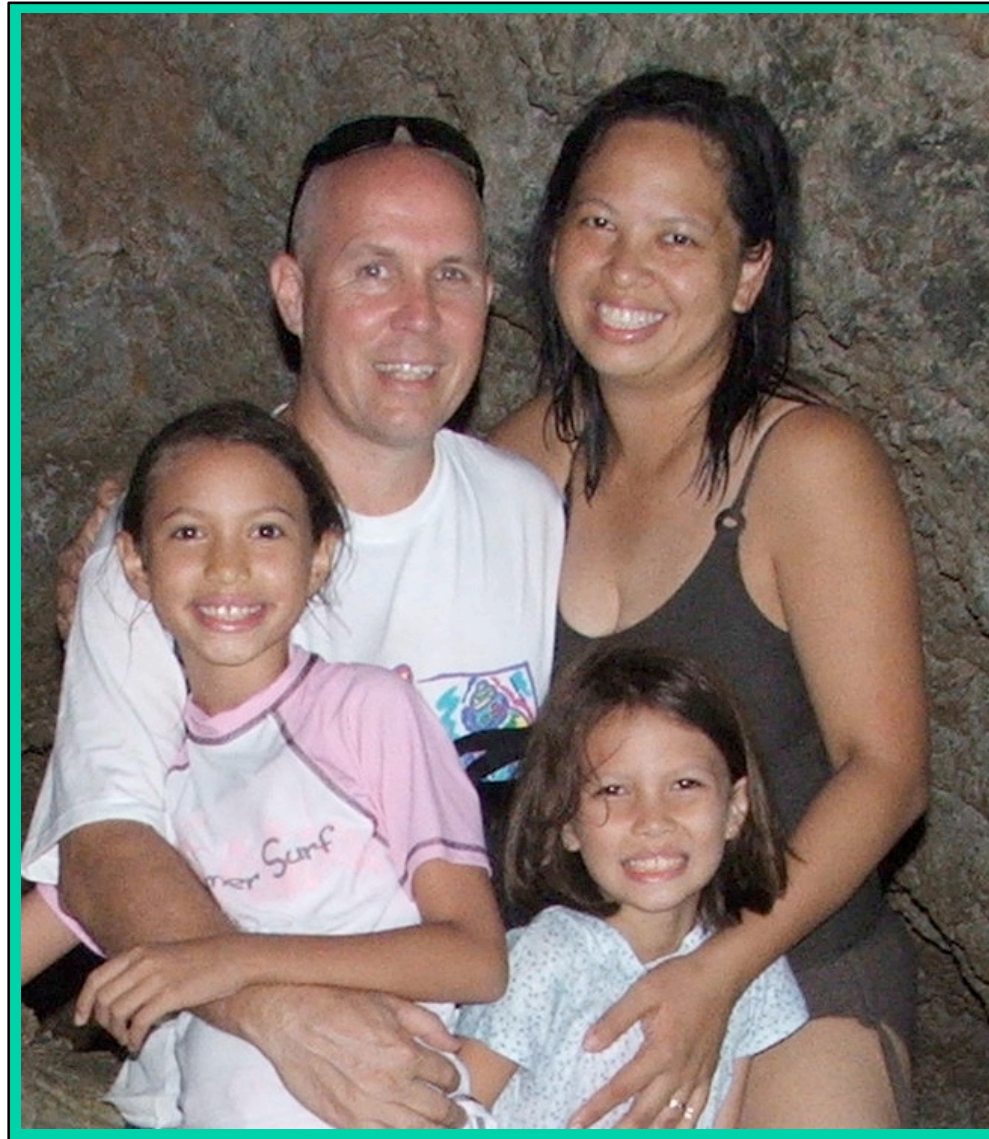
- ☑ Born in Upstate New York
- ☑ BA Chemistry Binghamton University
- ☑ Ph.D Biophysics in Chemistry Department at Syracuse University
- ☑ Married with two girls--Kaylee and Abbey
- ☑ 1992-1995-Worked at Biotech firm
- ☑ 1995-1997-Worked at Timex Corporation
- ☑ 1997-Moved to Philippines to run my own chemical company (still here too)



The Gross Family

Rick

Kaylee



Karla (the boss)

Abbey

Interests and Hobbies

- Family
- Like the Yankees, golfing, working out.
- Guitar junky. Favorite musicians: Noel Cabangon and Dave Matthews (I like old heavy-metal too).
- Science and Macintosh Computers
- Disdain for George Bush Jr., corruption, PC's, phony people, laziness, and inconsideration.

Are You Aware?

- Many great career opportunities chemistry in the United States.
- 55-60 % + of all chemistry graduate students are foreigners
- Chem Graduate students receive free tuition + are paid \$15,000 year to live on (few other majors offer this)

What is Chemistry?

Study of the composition and properties of matter using the scientific or “inductive method”.