

Chemistry C1404 Second Semester General Chemistry

Instructors: **Professor Ruben Gonzalez**
Professor Bruce Bursten

Professor Gonzalez Contact Information

*Office Hour: 3 – 4 Wednesday (and please ask questions after class – 30 min)
Office Location: 614 Havemeyer Hall
Email: rlg2118@columbia.edu

Professor Bursten Contact Information

*Office Hour: 3 – 4 Wednesday (and please ask questions after class – 30 min)
Office Location: TBA
Email: bb2548@columbia.edu

*Professor Gonzalez will hold regularly scheduled office hours during the first half of the semester.
Professor Bursten will hold regularly scheduled office hours during the second half of the semester.
All other office hours will be by appointment.

1

Chemistry C1404

Instructors: **Professor Ruben Gonzalez**
Professor Bruce Bursten

If you are registered for C1404 but can not see a Courseworks page for it, see me after class

Teaching Assistants:

Jieling Zhu: jz2383

Colin Kinz-Thompson: cdk2119

Tracy Chen: qc2143

Michelle Neary: mcn2123

Nathan Daly: nsd2122

Serge Ruccolo: sr2924

For **any** recitation scheduling problems:
See Socky Lugo or Daisy Melendez in the Undergraduate Office
Bring your class schedule.

Demonstrator: Tudor Spataru

2

Chemistry C1404

Requirements and Grading:

3 "midterm" exams (20% each)

1 final exam (40%)

Recitation Quizzes (20% - 8 quizzes, top 6 counted)

120%!

Therefore, your lowest 20% will be dropped.

No makeup exams will be given **period**.

Quiz grades will be normalized by TA.

Gonzalez and Bursten sections will have different exams and be graded independently.
All sections of C1404 will have approximately the same proportion of As

3

Chemistry C1404

Book: *Chemical Principles*
Steven S. Zumdahl
6th Edition
Solution Manual is Available

Calculator: TI30-XS Multiview **only**
Available at bookstore

Clickers will be used for extra credit
Available at bookstore (and can sell back)

If you are within 3 people of a higher grade and you got at least half of the total clicker questions asked correct, you will be given the higher grade.

Exceptions: if your initial grade was A+, D, or F, no grade increase will be given.
Note: Increases are a single gradation; for example, B- → B or B → B+ or B+ → A-

4

Chemistry C1404	
Professor Gonzalez Professor Bursten	
Course Content	
Chapter 5	Gases
Chapter 16	Liquids and Solids (16.1-16.3, 16.10,16.11)
*Chapter 17 *	Properties of Solutions
*Chapter 6 *	Chemical Equilibrium
Chapter 7	Acids and Bases
Chapter 8	Applications of Equilibria
Chapter 9	Energy, Enthalpy, and Thermochemistry
Chapter 10	Spontaneity, Entropy, and Free Energy
*Chapter 15 *	Chemical Kinetics
Chapter 21	Biochemistry (Time permitting)

5

Chemistry C1404, Spring 2012					
Professor Gonzalez Professor Bursten					
1. 1/18	Chap. 5	13. 2/29	7	25. 4/18	15
2. 1/23	5	14. *3/5	8	26. *4/23	15
3. 1/25	5	15. 3/7	8	27. 4/25	15 or 21
4. *1/30	5	16. *3/19	8	28. 4/30	EXAM 3
5. 2/1	16	17. 3/21	9		
6. *2/6	16	18. 3/26	9	5/4-5/11	FINAL EXAM
7. 2/8	17	19. 3/28	EXAM 2		
8. 2/13	6	20. 4/2	9		
9. 2/15	EXAM 1	21. 4/4	9/10		
10. 2/20	6	22. *4/9	10		
11. 2/22	6/7	23. 4/11	10		
12. *2/27	7	24. *4/16	10/15		

6

Chemistry C1404

Clickers will be used for extra credit

You can ONLY get credit for answering Clicker questions in the lecture section you are registered for.

Let's Get Started Using Our Clickers

To associate YOU with YOUR CLICKER and this CLASS

1. Click In
2. Register your clicker

1. Let's Click In (uncounted, unofficial Clicker Question)

General Chemistry C1404

- A. Will Rock
- B. Will Not Rock
- C. I do not have enough information to answer the question

2. Registration

- a) <http://www.iclicker.com/registration/> [you may have to re-register. I will tell you on Thursday]
- b) Student ID is your uni
- c) Remote ID is the number on the back of your clicker