

Lecture hours Monday/Wednesday/Friday Period 8

Instructor Prof. Colonel* Charles R. Martin profcrmartin@gmail.com
*Honorable Order of Kentucky Colonels

Instructor's office 218 Chemistry Laboratory Building (CLB)

Office hours Wednesdays 1:00 to 2:30 PM

Text "The Molecular Nature of Matter and Change," Silberberg 6th Ed

Discussion section You must co-register for a Tuesday discussion section

Prerequisite A grade of C or higher in CHM 2041 or 2045 and CHM 2045L

Calculator You must have your own scientific calculator, but not a graphing calculator or calculator that stores equations/data. You will need your calculator for the quizzes and exams. Calculators will not be provided, and they may not be shared.

Course information The Colonel stresses that everything in CHM 2046 goes back to six core scientific concepts. Mastering these concepts will not only help you understand CHM 2046, but will also help you understand the world around you, and life itself. Statistics show that if you remember the Colonel's core concepts, you will do better in your upper level science courses. It is imperative that students attend all lectures, read the assigned chapters from the text, and work the recommended homework problems.

Chapters covered & recommended homework problems

Chap 17, 1,3, 5,7,14,18,23,25,27,29,33,35,41,45,49,53,58,63,65,71,78,84

Chap 18, 2,5,7,9,13,15,22,23,29,36,37,40,43,49,60,63,67,71,75,82,86,92,98,107,110,117,119,127,134,137

Chap 19, 2,9,13,19,23,27,31,33,38,42,44,46,52,58,63,68,74,84,86,91,97,99,110

Chap 20, 2,5,16,22,28,32,33,37,46,48,50,58,60,62,72,78,83,87,89

Chap 21, 1,3,8,10,12,14,,25,26,29,33,36,38,40,44,48,56,60,64,72,78,87,105,118,125

Important dates

Quiz 1	Tuesday, Jan. 26 (in discussion section)
Exam 1	Monday, Feb. 1 (periods E2 – E3, location TBA)
Quiz 2	Tuesday, Feb. 16 (in discussion section)
Exam 2	Thursday, Feb. 25 (periods E2 – E3, location TBA)
Quiz 3	Tuesday, March 22 (in discussion section)
Break	Feb. 29 – March 4
Exam 3	Wednesday, March 30 (Periods E2 – E3, location TBA)
Last Class	Wednesday, April 20
Final Exam	Monday, April 25 (3:00 to 5:00 pm, location TBA)

Grading You will be allowed to drop one quiz and one test but not the final exam.

Grading will be based on 800 total earnable points as follows:

Tests	2 best test scores x 200 points per test =	400 points
Quizzes	2 best quiz scores x 50 points per quiz =	100 points
Final Exam	(cumulative)	<u>300 points</u>
	Total Earnable Points	800 points

Point total & letter grade cutoffs The grade cutoffs are as follows: (Each number is the lowest point total for the indicated grade.) A = 700 points, A- = 676 points (84.5%), B+ = 652 points, B = 620 points, B- = 596 points (74.5%), C+ = 572 points, C = 540 points, C- = 515 points (64.4%), D+ = 491 points, D = 460 points.

Missed exams or quizzes Because you will be allowed to drop one exam and one quiz, no makeups will be offered. However, if you have a sanctioned absence - religious observance, sanctioned sporting event, other UF exam for course with higher course number - you will be allowed to take the quiz or exam before, not after, the rest of the class. You must inform the Colonel at least two weeks in advance of a sanctioned absence.

Disputed grades You have 48 hours after posting to dispute the score of a quiz, exam or the final exam. After that, all scores are final.

Getting help In addition to your instructor's office hours, your discussion section TA will have office hours. Help is also available on a regular basis on the east side of the Chemistry Learning Center (CLC), which is in Flint Hall 257-258.

Policy on cheating The only information that you can use on a quiz or exam is that information which is in your memory on that day. Bringing information into the exam in any other form - for example, a written "cheat sheet," information programmed into your calculator, information sent to you via cell phone, text, etc., etc. - is cheating. Furthermore, simply having such illicit information in the test room is cheating. In addition, copying from a neighbor's test is cheating. Finally, since there are many creative ways to cheat, I simply cannot define all of them in advance here. So the bottom line is - the instructor will define what is cheating, and any student caught cheating in any way will receive a score of zero on that quiz or exam. If a student receives a zero for cheating, that grade will not be eligible for dropping.