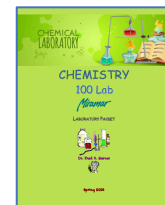


Chemistry 100L Online 1/17/24 CRN – 53543 & 53544 Lab Syllabus Spring 2024

Instructor: Dr. Fred Omega Garces
Office info. Office Rm S6-112F Office Phone 619-388-7493
E-mail: Via [Canvas](#) or fgarces.ch100@gmail.com
WebPage <http://fogarces.com> or <https://sdccd.instructure.com/>
Office Hours MW: 2:30- 3:30p, T: 7–8:30p, Th 3:00 – 4:00p and by Appointment through Canvas
Class Meets: This is a partial online course in which meetings at Miramar College for the midterm and final are scheduled.
College ID **Be sure you apply for a college ID with photo. This is required to prove your identity in this course.**
Lab Manual **Chemistry 100 Manual** Downloaded from Canvas
Supplies **Chem 100 Lab Kit:** KLM BioScientific/Lab Supplies USA (858) 571-5562 or 333-1130 (~\$115)

For more information go to: <https://labsuppliesusa.com/chem-100-miramar-college/>
Chem 100 Lab Chem Supplies: Pick up at Miramar College, **See Canvas**
Safety Goggles a must before you start the first experiment (~\$5)
Calculator capable of scientific notations and exponential display. (~\$13)
First-Aid Kit and **nitrile gloves** available at any drugstore (~\$35)
Other supplies required as indicated for each experiment. (~\$10)



Tentative 1/17/24		100 Lab Schedule CRN - 53543 & 53544	Spring 2024
Week of:	Lab Assignment	fogarces.com	
1	29-Jan	Safety Training, Check-in Safety Quiz (50, Due by 2/11) Pickup up Chem supplies and Kit at Miramar College, S5-211 (must prepurchase kit from KLM)	
2	5-Feb	Lab Assignment 01: Act01 Basic Math and Dimensional Analysis	
3	12-Feb	Lab Assignment 02: Exp01 A Penny for Your Thought; Scientific Method Introduction	
4	19- Feb	Lab Assignment 03: Exp02 Measurements, the Metric System and Density	
5	26- Feb	Lab Assignment 04: Exp03 Studying Density, Miscibility & Solubility	
6	4-Mar	Lab Assignment 05: Exp04 Separation of a Ternary Mixture, A Video Expt	
7	11-Mar	Lab Assignment 06: Act02 Nomenclature	
8	18-Mar	Lab Assignment 07: Act03 Molecular Models - VSEPR Theory	
9	25-Mar	Spring Break, No Classes	
10	01-Apr Midterms	Lab Assignment 08: Act04 Stoichiometry Exercise Midterm Quiz and Lab Practical (75 pts) & Lab Practical (25) Schedule 04/06, 9-11 AM	
11	08-Apr	Lab Assignment 09: Exp05 Observing Chemical Reactions	
12	15-Apr	Lab Assignment 10: Exp06 Counting by Weighing via the Mole	
13	22-Apr	Lab Assignment 11: Exp07 Gas Law Simulation	
14	29-Apr	Lab Assignment 12: Exp08 Concentration of Salt Solution	
15	06-May	Lab Assignment 13: Exp09 Titration of Unknown Concentration of Vinegar	
16	13-May Finals	Lab Final Quiz (125 pts) & Lab Practical (50) Schedule 5/18, 9-12 AM, S5-208	
17	20-May		

Important Dates:

Feb 09 - Last date to drop with no "W" in transcript.
 Mar25 to Mar 31 - Spring Break
 May 25 - End of semester

Feb 16 & 19 - President's Day, No Classes
 April 12 - Last day to withdraw from classes with a "W"

If you are in short supply of chemicals or need to return chemicals or equipment to the chem. stockroom, contact the lab tech or the instructor.
 Lab Technician: **Bryce Thompson.** (619) 388-7826 bthompson001@sdccd.edu Office: S5-211