

**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](mailto:fgarces.ch100@gmail.com)  
**WebPage** <http://fogarces.com/Chem.htm> or <https://sdccd.instructure.com/>  
**Office Hours** email through Canvas to set appointment via Zoom. My office is in S6-112F  
**Lab Tech** **Bryce Thompson. (619) 388-7826** [bthompson001@sdccd.edu](mailto:bthompson001@sdccd.edu) Office S5-211 (Tech for Chem 100)  
**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.  
**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	Aug 12 2023	100 Lab Schedule CRN - 40020, 40021	Fall 2023
<b>Week of:</b>	<b>Lab Assignment</b>	<a href="http://fogarces">http://fogarces</a>	
1	Aug 21 -	Safety Training, Check-in Syllabus Quiz (50, Due by 9/5) Safety Quiz (25 pts, Due 9/5) Pickup up Chem supplies and Kit at Miramar College, S5-211 (must prepurchase kit from <a href="#">KLM</a> )	
2	Aug 28 -	Lab Assignment 01: Act01   <b>Basic Math and Dimensional Analysis</b>	
3	Sept 4 -	Lab Assignment 02: Exp01   <b>A Penny for Your Thought; Scientific Method Introduction</b>	
4	Sept 11 -	Lab Assignment 03: Exp02   <b>Measurements, the Metric System and Density</b>	
5	Sept 18 -	Lab Assignment 04: Exp03   <b>Studying Density, Miscibility &amp; Solubility **</b>	
6	Sept 25 -	Lab Assignment 05: Exp04   <b>Separation of a Ternary Mixture</b>	
7	Oct 02 -	Lab Assignment 06: Act02   <b>Nomenclature</b>	
8	Oct 09 -	Lab Assignment 07: Act03   <b>Molecular Models - VSEPR Theory</b>	
9	Oct 16 -	Lab Assignment 08: Act04   <b>Stoichiometry Exercise</b>	
10	Oct 23 -	<b>Midterm Quiz and Lab Practical (75 pts) &amp; Lab Practical (25) Schedule 10/21, 9-11 AM</b>	
11	Oct 30 -	Lab Assignment 09: Exp05   <b>Observing Chemical Reactions</b>	
12	Nov 06 -	Lab Assignment 10: Exp06   <b>Counting by Weighing via the Mole</b>	
13	Nov 13 -	Lab Assignment 11: Exp07   <b>Gas Law Simulation</b>	
14	Nov 20 -	<b>Thanksgiving Break</b>	
15	Nov 27 -	Lab Assignment 12: Exp08   <b>Concentration of Salt Solution</b>	
17	Dec 04-	Lab Assignment 13: Exp09   <b>Titration of Unknown Concentration of Vinegar</b>	
17	Dec 11-	<b>Lab Final Quiz (125 pts) &amp; Lab Practical (50) Schedule 12 /09, 9-12 AM</b>	

**Important Dates:** Aug 21 to Dec 16 - Fall semester start and end dates.

Aug 28-01 Go to Miramar S5-211 to pick up chemicals and equipment. Contact KLM Science Supplies at (858) 571-5562 or 333-1130

Sept 01 - Primary 16-Weeks Add /Drop/Refund deadline.

Sept 04 - Labor Day, No Classes

Oct 27 - Last day to withdraw from classes with a "W"

Oct 27 - Pass/No Pass Option Deadline

Nov 10 - Veteran's Day, No Class

Nov 20 to 24 - Thanksgiving Break, No Class

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](mailto:bthompson001@sdccd.edu) Office: S5-211