

Syllabus CRN **22501 & 22505** Chemistry 152 Laboratory @ Miramar Spring 2020 **Adjusted**

Instructor: **Dr. Fred Omega Garces**

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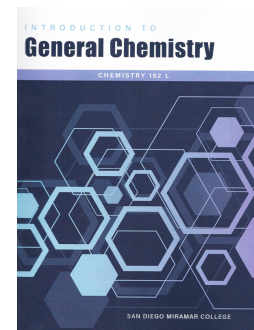
E-mail: Via [Canvas](#) or fgarces@sdccd.edu or fgarces.ch152@gmail.com

Webpage <http://faculty.sdmiramar.edu/fgarces/>

Office Hours MW: 3:00-3:45p, TR: 6:30 - 7:30p, Fri Online (zoom): 1:00-2:30p

* *Lab Manual* **Chemistry 152L:** Available from Miramar Bookstore.

Supplies **Calculators** with capabilities of scientific notations & exponential display.
Combination Master lock from Miramar Bookstore
Safety Goggles (\$5 - \$15), **Glove** (\$3.00) , **Cotton Lab Coat** (\$20.00)
Personal Protective Equipment (PPE) or Personal Safety Equipment (PSE)



*Bring the lab manual, lock and safety goggles by the second week otherwise you will not be permitted to work in the lab. **No exceptions.**

Tentative Schedule		Mar 21, 2020	100 Lab Schedule	CRN 22501 & 22505	Spring 2020
Week of:	Lab Assignment	http://faculty.sdmiramar.edu/fgarces/			
01	03 - Feb	Check-in, Safety, and Introduction			
02	10 - Feb	*E-01) Measurements			
03	17- Feb	*E- 02) Density (Unknown)			
04	24- Feb	E- 03) Calorimetry			
05	02 - Mar	E- 04) Three Families of Elements (Unknown)			
06	09 - Mar	*E-05 Qualitative Analysis: Anions (Unknown)			
07	16 - Mar	Class Suspended, no class this week			
08	23 - Mar	E-06 Empirical Formulas			
09	30 - Mar	Spring Break, No Classes			
10	06 - Apr	Lab Practical and Exam #1			
11	13 - Apr	E-07 Chemical Reactions			
12	20 - Apr	E-08 Synthesis of Aspirin			
13	27 - Apr	*E-09 Molecular Shapes (Unknown)			
14	04 - May	E-10 The Ideal Gas Law Constant (R)			
15	11 - May	*E-11 Solutions (Unknown)			
16	18 - May	*E-12 Titrations (Unknown)			
17	25 - May	Lab Practical and Exam #2			

Important Dates:

Feb 13 - Last date to drop with no "W" in their transcript.

Mar 30 - Apr 4 - Spring Break

May 25 - Memorial Day, No Class

Feb 14 & 17 - Lincoln, Washington BD, No Classes

Apr 17 - Last day to withdraw from class with a "W"

Jun 01 - End of semester

**Subject to change depending to progress of lecture and lab