

Instructor: **Dr. Fred Omega Garces**

Office info: Office Rm S6-211F

Office Phone (619) 388-7493

E-mail: Via [BlackBoard](#) or fgarces.ch111@gmail.comWebPage <http://faculty.sdmiramar.edu/fgarces/> and <http://Blackboard.sdccd.edu/>

Office Hours TBA and by Appointments

No extension for any of the homework deadlines, so please adhere to due date.

| Week of: | Chapter and Topics | Homework, Projects, Quizzes and Exams |
|----------|---|---|
| 1 | 18-24 Jun Chp00: Salutations Chp01: Understanding our World of Chemistry. HW Due 06/24 | 1-Introduce Yourself, Due 6/25 2-Background Survey, Due 6/25 3-What U Know Question, Due 6/25 4-Math Review Practice, Due 6/25 5-Problem Solver Assessment Due 6/25 6-Fun with Chemicals (DHMO) 6/26 |
| 2 | 25 Jun - 01 Jul Chp02: Matter: Properties Changes & Measurements. HW Due 06/24 Chp03: Understanding Atoms. HW Due 07/01 | Discussion-1 Scientific Method 6/21 Discussion-2 Metric System 6/23 Syllabus Quiz-0, Due 6/26 Quiz-1 [Chapter 1 and 2, Due 6/24 Open on 6/22 - 6/24 by midnight Discussion-3 Nomenclature1 6/27 Discussion-4 Nomenclature2 6/28 |
| 3 | 02-08 July Chp4: Bonding and Reactions. HW Due 07/01 Chp05: Chem of Bonding: Structure & Function of Drugs. HW Due 07/08 | Discussion-5 Chem Name/Formula 6/30 Quiz-2 [Chapter 3, & 4, Due 07/01] Open on 06/29 - 07/01 by midnight Discussion-6 Lewis Structures 7/05 Discussion-7 Solution Chemistry 7/07 |
| 4 | 09-15 July Chp06: Aqueous Solutions: Part I. HW Due 07/08 Chp07: Aqueous Solutions: Part II. HW Due 07/15 | Quiz-3 [Chapter 5 & 6 Due 7/08] on 07/06 - 07/08 by midnight Discussion-8 Magic of Water 7/12 Discussion-9 Tattoos 7/14 |
| 5 | 16-22 July Chp08: Organic Chemistry and Polymers. HW Due 07/15 Chp09: Chemistry of Fire and Heat. HW Due 07/22 | Quiz-4 [Chapter 7 & 8 Due 7/15] Open on 07/13 - 07/15 by midnight Discussion-10 Fire 7/19 Discussion-11 Explosive 7/21 |
| 6 | 23-29 July Chp10: Chemistry of Explosions. HW Due 07/22 Chp11: Application of Chemical Kinetics HW Due 07/29 | Quiz-5 [Chapter 9 & 10 Due 7/22] Open on 7/20 - 7/22 by midnight Discussion-12 Alcohol & BAC 7/26 Discussion-13 Energy 7/28 |
| 7 | 30 July - 05 Aug Chp12: Nuclear Chm: Energy Medicine Weapons, & Terrorism HW Due 07/29 Chp13: Chemical Equilibrium HW Due 08/05 | Quiz-6 [Chapter 11 & 12 Due 7/29] Open on 07/27 - 07/29 by midnight Discussion-14 CRSPR Quiz-7 [Chapter 13 & 14, Due 08/05] Open on 08/03 - 08/05 by midnight |
| 8 | 06-10 Aug Prezi Submission (See student Project) Eval due by 08/06 Final Part 1, Due 08/07 | Aug 06-10 Final [Chp01-14] Final Part 2, Due 08/09 |

Important Dates:

Jun 25 - Last date to drop with no "W" in transcript

Jul 04 - Happy Birthday America

Aug 06 to 10 - Last week of Term

Aug 10 - End of semester