

**Cañada College**  
**Chem 192 Spring 2010 Schedule**  
*(as of January 15th 2010 - Subject to Change)*

Week	Date	Day	Lecture Chapter	Read Through	Lecture Topics (9:45-11:00)	Homework Due	Lab Activity (11:10-12:25)	
Week 1	19-Jan	Tue	1	-	Scientific Method		Orientation & Safety	
	21-Jan	Thur	1	1.8	Classifying Matter		Check-In & Lab Setup	
Week 2	26-Jan	Tue	2	2.4	Significant Figures	HW #1	"Measurements" (Experiment #1)	
	28-Jan	Thur	2	2.9	Dimensional Analysis		"Dimensional Analysis" (Discussion)	
		1-Feb	Last Day to Add Class & Last Day to Drop Course with Partial Refund					
Week 3	2-Feb	Tue	3	3.5	Elements & Periodic Table	HW #2	"Composition of Pennies" (Exp #2)	
	4-Feb	Thur	3	3.9	Chemical Formulas		"Forensics Investigation" (Exp #3)	
Week 4	9-Feb	Tue	4	4.4	Phys & Chem Properties	HW #3	** Review Session (Ch 1-3) **	
	11-Feb	Thur	4	4.8	Heat & Chemical Energy		EXAM #1 (Ch 1-3)	
Week 5	16-Feb	Tue	5	5.6	Subatomic Particles	HW #4	"Conservation of Mass" (Exp #4)	
			16-Feb	Last Day to Drop Class w/out W (withdraw)				
		18-Feb	Thur	5	5.9	Nuclear Theory		"Specific Heat" (Exp #5)
Week 6	23-Feb	Tue	6	6.3	Naming Binary Compds	HW #5	"Conductivity" (Exp #6)	
	25-Feb	Thur	6	6.6	Polyatomic Ions		"Nomenclature" (Exp #7)	
Week 7	2-Mar	Tue	7	7.3	Molecular Composition	HW #6	** Review Session (Ch 4-6) **	
	4-Mar	Thur	7	7.6	Molecular Formulas		EXAM #2 (Ch 4-6)	
Week 8	9-Mar	Tue	8	8.3	Balancing Chem Eqns	HW #7	"The Mole" (Exp #8)	
			11-Mar	Thur	CAMPUS CLOSED (Flex) - NO CLASSES			
Week 9	16-Mar	Tue	8	8.6	Types of Chem Eqns		"Chemical Equations" (Exp #9)	
	18-Mar	Thur	9	9.2	The Mole Ratio	HW #8	"Percent Composition" (Exp #10)	
Week 10	23-Mar	Tue	9	9.5	Mole Calculations		"Food Calorimetry" (Exp #11)	
	25-Mar	Thur	9	9.6	Limiting Reagents		"Airbag Competition" (Exp #12)	
Week 11	30-Mar	Tue	10	10.3	The Bohr Atom	HW #9	** Review Session (Ch 7-9) **	
	1-Apr	Thur	10	10.6	Atomic Structures		EXAM #3 (Ch 7-9)	
Week 12			6-Apr	SPRING BREAK				
			8-Apr	NO CLASSES				
Week 13	13-Apr	Tue	11	11.6	Chemical Bonds	HW #10	"Airbag Competition" (Exp #12)	
	15-Apr	Thur	11	11.11	VSEPR Theory		"Molecular Modeling" (Exp #13)	
Week 14	20-Apr	Tue	12	12.5	Kinetic Molecular Theory	HW #11	"Molecular Modeling" (Exp #13)	
	22-Apr	Thur	12	12.8	Combined Gas Laws		"Boyle's Law" (Exp #14)	
Week 15	27-Apr	Tue	12	12.15	The Ideal Gas Law		"Boyle's Law" (Exp #14)	
	29-Apr	Thur	13	13.5	The Liquid State	HW #12	"Heat of Fusion" (Discussion)	
		29-Apr	Last Day to Drop Class with W (withdraw)					
Week 16	4-May	Tue	13	13.11	Changes of State		** Review Session (Ch 10-12) **	
	6-May	Thur	14	14.1-3	Solubility & Solutions	HW #13	EXAM #4 (Ch 10-12)	
Week 17	11-May	Tue	14	14.4-6	Concentration & Molarity		"Solubility" (Exp #15)	
	13-May	Thur	15	15.5	Acids & Bases	HW #14	"Solubility" (Exp #15)	
Week 18	18-May	Tue	15	15.11	pH Calculations		Lab Check-Out	
	20-May	Thur	-	-	Review Session (Ch 1-6)		Review Session (Ch 7-12)	
Week 19			25-May	FINAL EXAM (Comprehensive) Rm 18-319 8:10-10:40am				
			27-May	FINALS WEEK - NO REGULAR CLASSES				