This is a tentative schedule. It will change as necessary. Check SmartWork for homework due dates.

Date	Quizzes and Exams	Chapter Sections	Homework Problems (Even problems only unless otherwise indicated)	
W, 8/26 F, 8/28		Ch. 1 (1.3, 1.4, 1.7, 1.8, 1.9) Ch. 2 (2.1, 2.2, 2.5, 2.6, 2.8- 2.11) Ionic Compounds (2.12, 2.7, 6.2, 6.4, 10.2 nomenclature polyatomic ions)	Ch. 1: 6, 8, 12-18, 24, 30-46, 64, 74, 76 Ch. 2: 8, 14, 16, 18, 20-26, 42-64, 77 Ch. 6: 4, 6, 8, 10, 12, 14, 16, 18 Ch. 10: 2, 4, 6, 10, 12, 14, 24	
F, 8/28	Online Quiz 1- Due by 11:59 pm on Friday, 8/28 (Chapter 1)			
M, 8/31		Ch. 3 (3.1, 3.2) Ch. 11 (11.1, -11.2, 11.7, 11.8) Supplement S1.1-S1.4	Ch. 3: 2, 4, 8, 28, 30, 34, 36 Ch. 11: 1, 2, 7, 8, 31, 32, 33, 34, 37 Supplement 1 is posted in Blackboard	
W, 9/2	Online Quiz 2- Due by 11:59 pm on Wednesday, 9/2 (Chapter 2, 6, 10)			
W, 9/2		Nuclear Chemistry	Balancing nuclear equations: Practice Problems posted in Blackboard Interchapter O: O1-O3 Access on line http://mcquarriegeneralchemistry.com/	
F, 9/4	Online Quiz 3- Due by 11:59 pm on Friday, 9/4 (Chapter 3, 11)			
F, 9/4 M, 9/7 W, 9/9		4.1-4.9	Ch. 4: 2, 4, 6, 14-26, 27, 28, 29, 30, 32, 33, 38, 40, 46, 54, 55, 61	
W, 9/9	Quiz 4- Part 1 in class, Part 2 due by 11:59 pm on Wednesday, 9/9			
F, 9/11		5.1- 5.12	Ch. 5: 1, 4, 5, 7, 8, 9, 10, 12, 13, 14, 18-40, 44, 46, 48, 50, 52, 56, 58, 60, 62	
M, 9/14		Ch. 6 (6.1, 6.3, 6.5, 6.6)	Ch. 6: 4-18, 24, 26, 30-44	
W, 9/16	Quiz 5- Part 1 in class, Part 2 due by 11:59 pm on Wednesday, 9/23			
W, 9/16 F, 9/18 M, 9/21		Ch. 7 (7.1, 7.9, 7.2-7.8)	Ch. 7: 2, 3, 4, 5, 6, 7, 8, 12, 13, 14, 15, 16, 18, 20, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 34, 46, 48, 50	
W, 9/23	Exam 1- In class			
F, 9/25 M, 9/28		8.1-8.8 7.10, 8.9	Ch. 8: 2-40, 56, 58, 62, 64, 66 Ch. 7: 36, 38	
W, 9/30 F, 10/2		Ch. 9 (9.5-9.12)	Ch. 9: 22-42 Explain bonding for 22, 24, 28, 30; predict hybridization based on the electron pair geometry for 26, 32, 34, 36, 38	
M, 10/5		15.4	Ch. 15: 13, 14, 15, 16, 17, 18, 19, 20	

F. 10/9 Ch. 24 (24.1-24.2) Ch. 24: 3, 4, 6, 14, 16, 19, 20 M. 10/12 Ch. 11.10, 11.11 (Review 11.1-11.2, 11.7, 11.8) Ch. 11: 2, 4, 8, 32-38, 37, 50-62 W, 10/14 Quiz 7* Ch. 12 (12.1, 12.2, 12.4, 12.5) Ch. 11: 2, 4, 8, 32-38, 37, 50-62 F, 10/16 Ch. 12 (12.1, 12.2, 12.4, 12.5) Ch. 12: 2-10, 16-18, 22-30 M, 10/19 No Class-Fall Break Ch. 14 Ch. 14: 2, 8, 10, 12, 18, 20, 22, 26, 28-44, 48-58 M, 10/20 Ch. 14 Ch. 14 Ch. 14: 2, 8, 10, 12, 18, 20, 22, 26, 28-44, 48-58 M, 10/26 Ch. 14 Ch. 14: 2, 8, 10, 12, 18, 20, 22, 26, 28-44, 48-58 M, 10/28 Exam 2- In Class Ch. 14 W, 10/28 Exam 2- In Class Ch. 14 M, 11/2 Nuclear Power Ch. 23: 2-12, 16-22, 36 (calc. ΔG^{0}_{cm} only), 40, 64, 65, 81, 85a M, 11/3 Ch. 23 Ch. 23: 2-12, 16-22, 36 (calc. ΔG^{0}_{cm} only), 40, 64, 65, 81, 85a M, 11/30 Ch. 19 Ch. 19: 2, 4, 6, 10, 12, 18, 20, 26, 36, 38, 50, 52, 58 W, 11/17 Quiz 8' Ch. 19 Ch. 23: 26, 28, 30, 36, 40, 68, 85a, b M, 11/30 Quit-20.11 Ch. 20: 1, 2, 3, 4, 5, 6, 7, 8, 12, 16, 1, 20, 22, 24, 26, 28, 59, 62 M, 11/30 Ch. 25 Cass	W, 10/7	Quiz 6*	Ch. 10	Ch. 10: 2-14, 18-30, 34-38, 42-52, 58-66	
$\begin{array}{ c c c c c } \mbox{M, 10/12} & (Review 11.1-11.2, 11.7, 11.8) & Ch. 11: 2, 4, 8, 32-38, 37, 50-62 & (12.1, 12.2, 12.4, 12.5) & Ch. 12: 2-10, 16-18, 22-30 & (12.1, 12.2, 12.4, 12.5) & (12.1, 12.2, 12.4, 12.5) & (12.1, 12.2, 12.4, 12.5) & (12.1, 12.2, 12.4, 12.5) & (12.1, 12.2, 12.4, 12.5) & (12.1, 12.2, 12.4, 12.5) & (12.1, 12.2, 12.4, 12.5) & (12.1, 12.2, 12.4, 12.5) & (12.1, 12.2, 12.4, 12.5) & (12.1, 12.2, 12.4, 12.5) & (12.1, 12.2, 12.4, 12.5) & (12.1, 12.2, 12.4, 12.5) & (12.1, 12.2, 12.4, 12.5) & (12.1, 12.2, 12.4, 12.5) & (12.1, 12.2, 12.2, 12.2, 12.2, 12.2, 12.2, 22.2, 22.6, 28-44, 48-58 & (12.1, 12.2, 12.4, 12.5) & (12.1, 12.2, 12.4, 12.5) & (12.1, 12.2, 12.2, 22.4, 22.4, 22.5) & (12.1, 12.2, 22.4, 22.4, 22.5) & (12.1, 12.4, 22.5) & (12.1, 12.4, 22.5, 22.5, 22.4, $	F, 10/9		(10.1-10.7, 10.9-10.11) Ch. 24 (24.1-24.2)	Ch. 24: 3, 4, 6, 14, 16, 19, 20	
W, 10/14 Quiz 7* (12.1, 12.2, 12.4, 12.5) Ch. 12: 2-10, 16-18, 22-30 F, 10/16 Ch. 12 M, 10/19 No Class-Fall Break W, 10/21 Ch. 12 Ch. 14 M, 10/26 Ch. 14 Ch. 14: 2, 8, 10, 12, 18, 20, 22, 26, 28-44, 48-58 F, 10/23 Withdraw Ch. 14 W, 10/26 Ch. 14 Ch. 14: 2, 8, 10, 12, 18, 20, 22, 26, 28-44, 48-58 F, 10/23 Ch. 14 Ch. 14 W, 10/26 Ch. 14 Ch. 14: 2, 8, 10, 12, 18, 20, 22, 26, 28-44, 48-58 F, 10/30 Ch. 14 Ch. 14 W, 10/28 Exam 2- In Class F, 10/30 Ch. 14 Ch. 23 M, 11/2 Nuclear Power W, 11/4 Ch. 23 Ch. 23: 2-12, 16-22, 36 (calc. ΔG^0_{ran} only), 40, 64, 65, 81, 85a M, 11/9 Ch. 19 Ch. 19: 2, 4, 6, 10, 12, 18, 20, 26, 36, 38, 50, 52, 58 W, 11/11 Quiz 8* Ch. 19 Ch. 23: 26, 28, 30, 36, 40, 68, 85a, b M, 11/16 20.1-20.11 Ch. 20: 1, 2, 3, 4, 5, 6, 7, 8, 12, 16, 1, 20, 22, 24, 26, 28, 59, 62 M, 11/20 No Ch. 25 C2 W	M, 10/12		(Review 11.1-11.2, 11.7,	Ch. 11: 2, 4, 8, 32-38, 37, 50-62	
M, 10/19 No Class-Fall Break W, 10/21 Ch. 14 Ch. 14 W, 10/21 Ch. 14 Ch. 14: 2, 8, 10, 12, 18, 20, 22, 26, 28-44, 48-58 F, 10/23 Withdraw deadline Ch. 14 Ch. 14: 2, 8, 10, 12, 18, 20, 22, 26, 28-44, 48-58 M, 10/26 Ch. 14 Ch. 14 Ch. 14: 2, 8, 10, 12, 18, 20, 22, 26, 28-44, 48-58 M, 10/26 Ch. 14 Ch. 14 Ch. 14 W, 10/28 Exam 2- In Class In Class F, 10/30 Ch. 14 Calorimetry Ch. 14 Ch. 14 M, 10/26 Nuclear Power Ch. 23 Ch. 23: 2-12, 16-22, 36 (calc. ΔG^{9}_{DD1} only), 40, 64, 65, 81, 85a M, 11/4 Ch. 23 Ch. 23: 2-12, 16-22, 36 (calc. ΔG^{9}_{DD1} only), 40, 64, 65, 81, 85a Ch. 19 M, 11/4 Ch. 19 Ch. 19 Ch. 19: 2, 4, 6, 10, 12, 18, 20, 26, 36, 38, 50, 52, 58 W, 11/11 Quiz 8* Quiz 8* Ch. 19 Ch. 23: 26, 28, 30, 36, 40, 68, 85a, b M, 11/10 Quiz 9* Quiz 9* Ch. 20: 1, 2, 3, 4, 5, 6, 7, 8, 12, 16, 1, 20, 22, 24, 26, 28, 59, 62 M, 11/23 No Ch. 25 Cu 25 Cu 25 Cu 25 M, 11/24 No Ch. 25	W, 10/14	Quiz 7*		Ch. 12: 2-10, 16-18, 22-30	
W, 10/21 Ch. 14 Ch. 14: 2, 8, 10, 12, 18, 20, 22, 26, 28-44, 48-58 F, 10/23 Withdraw deadline Ch. 14 Ch. 14: 2, 8, 10, 12, 18, 20, 22, 26, 28-44, 48-58 M, 10/26 Ch. 14 Ch. 14 Ch. 14: 2, 8, 10, 12, 18, 20, 22, 26, 28-44, 48-58 M, 10/26 Ch. 14 Ch. 14 Ch. 14 W, 10/28 Exam 2- In Class F. 10/30 Ch. 14 Calorimetry M, 11/2 Nuclear Power Ch. 23: 2-12, 16-22, 36 (calc. ΔG^{0}_{2n1} only), 40, 64, 65, 81, 85a M, 11/9 Ch. 23 Ch. 23: 2-12, 16-22, 36 (calc. ΔG^{0}_{2n1} only), 40, 64, 65, 81, 85a M, 11/9 Ch. 19 Ch. 19: 2, 4, 6, 10, 12, 18, 20, 26, 36, 38, 50, 52, 58 W, 11/11 Quiz 8* Ch. 19 F, 11/13 23.7-23.8 Ch. 23: 26, 28, 30, 36, 40, 68, 85a, b M, 11/14 Quiz 8* 20.1-20.11 Ch. 20: 1, 2, 3, 4, 5, 6, 7, 8, 12, 16, 1, 20, 22, 24, 26, 28, 59, 62 M, 11/23 M, 11/23 Thanksgiving Ch. 25, (25.1-25.5) W, 11/24 Ch. 25 Ch. 25 Ch. 25 W, 11/24 Ch. 25 Ch. 25 Ch. 25 W, 11/20 Ch. 25 <td< td=""><td>F, 10/16</td><td></td><td>Ch. 12</td><td></td></td<>	F, 10/16		Ch. 12		
F, 10/23 Withdraw deadline Ch. 14 Ch. 14: 2, 8, 10, 12, 18, 20, 22, 26, 28-44, 48-58 M, 10/26 Ch. 14 W, 10/28 Exam 2- In Class F, 10/30 Ch. 14 Calorimetry M, 11/2 Nuclear Power W, 11/4 Ch. 23 Ch. 23: 2-12, 16-22, 36 (calc. ΔG^{o}_{ran} only), 40, 64, 65, 81, 85a M, 11/9 Ch. 23 Ch. 19: 2, 4, 6, 10, 12, 18, 20, 26, 36, 38, 50, 52, 58 W, 11/11 Quiz 8* Ch. 19 Ch. 19: 2, 4, 6, 10, 12, 18, 20, 26, 36, 38, 50, 52, 58 W, 11/11 Quiz 8* Ch. 19 Ch. 23: 26, 28, 30, 36, 40, 68, 85a, b M, 11/10 Quiz 8* Ch. 20: 1, 2, 3, 4, 5, 6, 7, 8, 12, 16, 1, 20, 22, 24, 26, 28, 59, 62 M, 11/16 Quit 20: -120.11 Ch. 20: 1, 2, 3, 4, 5, 6, 7, 8, 12, 16, 1, 20, 22, 24, 26, 28, 59, 62 M, 11/23 Quit 20: -25, 50 Thanksgiving W, 11/25 No Ch. 25 M, 11/30 Ch. 25 Quit 20: -25, 50 W, 11/24 Review In Class	M, 10/19	No Class-Fall Break			
M, 10/26 Ch. 14 W, 10/28 Exam 2- In Class F, 10/30 Ch. 14 Calorimetry M, 11/2 Nuclear Power W, 11/4 Ch. 23 Ch. 23: 2-12, 16-22, 36 (calc. ΔG ⁰ rsn only), 40, 64, 65, 81, 85a M, 11/9 Ch. 23 Ch. 23: 2-12, 16-22, 36 (calc. ΔG ⁰ rsn only), 40, 64, 65, 81, 85a M, 11/9 Ch. 19 Ch. 19: 2, 4, 6, 10, 12, 18, 20, 26, 36, 38, 50, 52, 58 W, 11/11 Quiz 8* Ch. 19 Ch. 19: 2, 4, 6, 10, 12, 18, 20, 26, 36, 38, 50, 52, 58 W, 11/11 Quiz 8* Ch. 19 Ch. 23: 26, 28, 30, 36, 40, 68, 85a, b M, 11/16 Quiz 10.1-20.11 Ch. 20: 1, 2, 3, 4, 5, 6, 7, 8, 12, 16, 1, 20, 22, 24, 26, 28, 59, 62 W, 11/28 No Thanksgiving W, 11/25 No Thanksgiving M, 11/30 Ch. 25 Ch. 25 W, 11/24 Review In Class			Ch. 14	Ch. 14: 2, 8, 10, 12, 18, 20, 22, 26, 28-44, 48-58	
F, 10/30 Ch. 14 Calorimetry M, 11/2 Nuclear Power W, 11/4 Nuclear Power W, 11/4 Ch. 23 Ch. 23: 2-12, 16-22, 36 (calc. ΔG^{0}_{rxn} only), 40, 64, 65, 81, 85a M, 11/9 Ch. 23 Ch. 19: 2, 4, 6, 10, 12, 18, 20, 26, 36, 38, 50, 52, 58 W, 11/11 Quiz 8* Ch. 19 Ch. 19: 2, 4, 6, 10, 12, 18, 20, 26, 36, 38, 50, 52, 58 W, 11/11 Quiz 8* Ch. 19 Ch. 23: 26, 28, 30, 36, 40, 68, 85a, b M, 11/16 Quit 20.1-20.11 Ch. 20: 1, 2, 3, 4, 5, 6, 7, 8, 12, 16, 1, 20, 22, 24, 26, 28, 59, 62 M, 11/23 No Thanksgiving W, 11/25 No Thanksgiving M, 11/30 Ch. 25 S W, 11/24 Review Ch. 25 W, 12/2 Exam 3- in Class Ch. 25	M, 10/26		Ch. 14		
M, 11/2 Nuclear Power W, 11/4 Nuclear Power W, 11/4 Ch. 23 Ch. 23: 2-12, 16-22, 36 (calc. ΔG ⁰ rxn only), 40, 64, 65, 81, 85a M, 11/9 Ch. 13 Ch. 19 W, 11/1 Quiz 8* Ch. 19 F, 11/13 Ch. 19 Ch. 19: 2, 4, 6, 10, 12, 18, 20, 26, 36, 38, 50, 52, 58 M, 11/16 Quiz 8* Ch. 19 F, 11/13 Ch. 23: 26, 28, 30, 36, 40, 68, 85a, b M, 11/16 20.1-20.11 Ch. 20: 1, 2, 3, 4, 5, 6, 7, 8, 12, 16, 1, 20, 22, 24, 26, 28, 59, 62 M, 11/23 20.1-20.11 Ch. 20: 1, 2, 3, 4, 5, 6, 7, 8, 12, 16, 1, 20, 22, 24, 26, 28, 59, 62 M, 11/23 Ch. 25 Ch. 25 M, 11/24 No Ch. 25 M, 11/30 Ch. 25 Ch. 25 W, 11/25 No Ch. 25 M, 11/30 Ch. 25 Ch. 25 W, 12/2 Exam 3- In Class F. 12/4 Review In Class In Class	W, 10/28				
W, 11/4 Ch. 23 Ch. 23: 2-12, 16-22, 36 (calc. ΔG ⁰ _{DM} only), 40, 64, 65, 81, 85a M, 11/9 Ch. 19 Ch. 19 Ch. 19: 2, 4, 6, 10, 12, 18, 20, 26, 36, 38, 50, 52, 58 W, 11/1 Quiz 8* Ch. 19 Ch. 23: 26, 28, 30, 36, 40, 68, 85a, b M, 11/16 20.1-20.11 Ch. 20: 1, 2, 3, 4, 5, 6, 7, 8, 12, 16, 1, 20, 22, 24, 26, 28, 59, 62 M, 11/25 No Thanksgiving F, 11/30 Ch. 25 (25.1-25.5) W, 12/2 Exam 3- In Class Ch. 25 F, 12/4 Review In Class	F, 10/30		Ch. 14 Calorimetry		
F, 11/6 Ch. 23 65, 81, 85a M, 11/9	M, 11/2		Nuclear Power		
W, 11/11 Quiz 8* Ch. 19 Ch. 19 F, 11/13 23.7-23.8 Ch. 23: 26, 28, 30, 36, 40, 68, 85a, b M, 11/16 20.1-20.11 Ch. 20: 1, 2, 3, 4, 5, 6, 7, 8, 12, 16, 1, 20, 22, 24, 26, 28, 59, 62 M, 11/23 20.1-20.11 Ch. 20: 1, 2, 3, 4, 5, 6, 7, 8, 12, 16, 1, 20, 22, 24, 26, 28, 59, 62 M, 11/23 M Thanksgiving M, 11/25 No Thanksgiving M, 11/30 Ch. 25 W, 12/2 Exam 3- In Class F, 12/4 Review			Ch. 23		
F, 11/13 23.7-23.8 Ch. 23: 26, 28, 30, 36, 40, 68, 85a, b M, 11/16 20.1-20.11 Ch. 20: 1, 2, 3, 4, 5, 6, 7, 8, 12, 16, 1, 20, 22, 24, 26, 28, 59, 62 M, 11/23 20.1-20.11 Ch. 20: 1, 2, 3, 4, 5, 6, 7, 8, 12, 16, 1, 20, 22, 24, 26, 28, 59, 62 M, 11/23 Mo Thanksgiving W, 11/25 No Thanksgiving M, 11/20 Ch. 25 (25.1-25.5) W, 12/2 Exam 3- In Class F, 12/4 Review Image: Communication of the second		Quiz 8*	Ch. 19		
W, 11/18 20.1-20.11 Ch. 20: 1, 2, 3, 4, 5, 6, 7, 8, 12, 16, 1, 20, 22, 24, 26, 28, 59, 62 M, 11/23 M, 11/25 No Class Thanksgiving W, 11/27 No Class Thanksgiving M, 11/30 Ch. 25 (25.1-25.5) Model of the second of	F, 11/13		23.7-23.8	Ch. 23: 26, 28, 30, 36, 40, 68, 85a, b	
W, 11/25 F, 11/27 No Class Thanksgiving M, 11/30 Ch. 25 (25.1-25.5) W, 12/2 Exam 3- In Class F, 12/4 Review	W, 11/18		20.1-20.11		
F, 11/27 Class Thanksgiving M, 11/30 Ch. 25 (25.1-25.5) W, 12/2 Exam 3- In Class F, 12/4 Review	M, 11/23				
M, 11/30 (25.1-25.5) W, 12/2 Exam 3- In Class F, 12/4 Review			Thanksgiving		
W, 12/2 Exam 3- In Class F, 12/4 Review	M, 11/30				
	W, 12/2				
M, 12/7 Review	F, 12/4	Review			
	M, 12/7	Review			
T, 12/15 Final 11:30 am Sims 105	T, 12/15	Final 11:30 am Sims 105			

*Format of Quizzes 6, 7 and 8 to be determined