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www.masteringchemistry.com ID: **ECSSHIBAOCHEM1BF09****Office Hours:** held in room Chem 120, 105, or 162 T & Th 12:40-1:10 pm, 5:10-5:40 pm, & _____.

Lecture: M & W: 2:00 - 3:25 pm (Chem 105)

Lab: T & Th: 2:00 - 5:10 pm (Chem 162)

Week/Date	Topic
1 Aug. 31 Sept. 1 2 3	Course Intro and Predicting Chemical Reactions Review Reactions Review continued Ch. 24.1-24.3 Coordination Compounds (part 1) Ch. 15 Equilibrium
2 7 8 9 10 ¹	Labor Day Holiday Ch. 15 cont. Ch. 15 cont./Ch. 16 Acid and Base Equilibria <i>LAB: Intro, Safety, and Check-In</i>
3 14 15 16 17	Ch. 16 Acid and Base Equilibria <i>LAB: Preparation and Reactions of Coordination Compounds: Oxalate Complexes</i> Ch. 16 cont. <i>LAB: Oxalate Complexes cont.</i>
4 21 22 23 24 ²	Ch. 16 cont./Ch 17 Acid and Base Equilibria II <i>LAB: Introduction to Qualitative Analysis</i> Ch 17 Acid and Base Equilibria II <i>LAB: Qualitative Analysis cont.</i>
5 28 29 30 Oct. 1	Ch. 17 cont. <i>LAB: Qualitative Analysis cont.</i> Ch. 17 cont. <i>LAB: Qualitative Analysis cont.</i>
6 5 6 7 8	Ch. 17 cont./Ch. 18 Solubility and Complex Ion Equilibria <i>LAB: Qualitative Analysis cont.</i> Ch. 18 cont. <i>LAB: LeChâtelier's Principle</i>
7 12 13 14 15	Ch. 18 cont. <i>LAB: Hydrolysis of Salts and pH of Buffer Solutions</i> Ch. 18 cont. <i>LAB: Hydrolysis of Salts and pH of Buffer Solutions cont.</i>
8 19 20 21 22	Ch. 14 Chemical Kinetics <i>LAB: pH Titration(handout)</i> Ch. 14 cont. <i>LAB: pH Titration cont.</i>

¹ Friday, September 11, is the last day to add. It is also the last day to drop with a refund.² Friday, September 25, is the last day to drop with no notation on permanent record.

9	Oct.	26	Ch. 14 cont.
		27	<i>LAB: Determination of the Rate Law for the Crystal Violet Reaction (handout)</i>
		28	Ch. 14 cont.
		29	<i>LAB: Determination of the Rate Law for the Crystal Violet Reaction cont.</i>
10	Nov.	2	Ch. 14 cont.
		3	<i>LAB: Kinetics Data Refinement (Computer Lab)</i>
		4	Ch. 19 Thermodynamics II
		5	<i>LAB: Kinetics Data Refinement (Computer Lab) cont.</i>
11		9	Ch. 19 cont.
		10	<i>LAB: Laboratory Report</i>
		11	Ch. 19 cont.
		12	<i>LAB: Selected Topic</i>
12		16	Ch. 19 cont.
		17	Ch. 20 Electrochemistry
		18	Ch. 20 cont.
		19 ³	<i>LAB: Electrochemistry(handout)</i>
13		23	Ch. 20 cont.
		24	<i>LAB: Electrochemistry cont.</i>
		25	Ch. 20 cont.
		26	Thanksgiving Day Holiday
14	Dec.	30	Ch. 24 Transition Metal Complexes (part 2)
		1	<i>LAB: Laboratory Report</i>
		2	Ch. 24 cont.
		3	<i>LAB: Molecular Models</i>
15		7	Ch. 24 cont.
		8	<i>LAB: Molecular Models cont.</i>
		9	Ch. 25 Nuclear Chemistry
		10	<i>LAB: Selected Topic</i>
16		14	Ch. 25 cont.
		15	Ch. 25 cont. and Lab Cleanup, Checkout
		16	Q & A
		17	FINAL EXAM

³ Friday, November 20, is the last day to drop with a "W."