

Please note that this schedule is tentative -- the class may not necessarily follow the schedule exactly.

	DATE	MON	TUE (LAB)	WED	THU (LAB)
1	Jan 18-20	<i>No Classes MLK Day Holiday</i>	Introduction & Safety ( <b>Lab 1</b> )	Chapter 13 Chemical Equilibrium	Lecture: Chapter 13 Chemical Equilibrium
2	Jan 24-27	Chapter 13 Chemical Equilibrium	<b>Lab 2</b> Forensics Chemistry	Chapter 13 Chemical Equilibrium	<b>Lab 3</b> Chemical Equilibria
3	Jan 31- Feb 3	Chapter 12 Kinetics	<b>Lab 4</b> Determination K by Spect.	Chapter 12 Kinetics	<b>Lab 5</b> Factors Affecting Rates of Chemical Reactions
4	Feb 7-10	Chapter 12 Kinetics	<b>Lab 6</b> Rate of a Chemical Reaction: Kinetics	Chapter 12 <b>Kinetics</b>	<b>EXAM 1</b>
5	Feb 14-17	Chapter 14 Acids and bases	<b>Lab 7</b> pH and Acid-Base Titrations (Day 1)	Chapter 14: Acids and bases	<b>Lab 7</b> pH Scale and Acid-Base Titration (Day 2)
6	Feb 21-24	<i>No Classes President's Day</i>	<b>Lab 8</b> Determination of MM and K <sub>sp</sub>	Chapter 15 Aqueous Equilibria	<b>Lab 9</b> Tap Water Analysis (Day 1)
7	Feb 28- Mar 3	Chapter 15 Aqueous Equilibria	<b>Lab 9</b> Tap Water Analysis (Day 2)	Chapter 15 Aqueous Equilibria <b>Topics Due</b>	<b>Lab 10</b> K <sub>sp</sub> of Calcium Iodate
8	March 7-10	Chapter 16 Solubility/Complex Ions	<b>Lab 11</b> Analysis of Cations in Seawater	Chapter 16 Solubility/Complex Ions	<b>EXAM 2</b>
9	March 14-17	Chapter 17 Thermochemistry	<b>Lab 12</b> Analysis of Anions in Seawater	Chapter 17 Thermochemistry	<b>Lab 11 and 12</b> Continued
10	March 21-24	Chapter 17 Entropy Free Energy	Lecture: Chapter 18 Electrochemistry	Chapter 18 Electrochemistry	<b>Lab 14</b> Electrochemical Cells
11	March 28-31	Chapter 18 Electrochemistry	<b>Lab 15</b> Electrochemical Puzzles	Chapter 18 <b>Electrochemistry</b>	FLEX DAY (No Classes)
12	Apr 4-7	Chapter 19 Nuclear Chemistry	<b>Lab 16</b> Half-Life of KCl	Chapter 19 Nuclear Chemistry	<b>Lab 18</b> Equilibria of Coord. Compounds
13	Apr 11-14	Chapter 19 Nuclear Chemistry	<b>EXAM 3</b>	Chapter 21: Transition Metal Chemistry	Chapter 21 Transition Metal Chemistry
14	April 18-21- Spring Break (No Classes)				
15	Apr 25-28	Chapter 21: Transition Metal Chemistry	<b>PRESENTATIONS</b>	Chapter 21: Transition Metal Chemistry	<b>PRESENTATIONS</b>
16	May 2-5	Chapter 22 Organic Chemistry	Chapter 22 Organic Chemistry	Chapter 22 Organic Chemistry	<b>Lab 19</b> Green Chemistry (Day 1)
17	May 6-9	Chapter 22 Organic Chemistry	<b>Lab 19</b> Green Chemistry (Day 2)	Chapter 22 Organic Chemistry	<b>EXAM 4</b>
18	May 16-19	Chapter 20 Rep. Elements	<b>Lab 20:</b> UV, Sun- screens & checkout	ACS Review	ACS Review

Final Exam: Monday, May 23<sup>rd</sup>, 11:30 AM – 1:20 PM, Room 4213