

**Course Schedule**  
**Chemistry 329**  
**Spring, 2017**

<b>Date</b>	<b>Lecture Topic</b>	<b>Chapter</b>
1/18/17	Spectroscopy	17
1/23/17	Absorption Spectroscopy and equilibria	6
1/25/17	Solubility Equilibrium and Nonideality Effects	7
1/30/17	Introduction to Acid-Base Chemistry	
2/1/17	Monoprotic Acid-Bases	8
2/6/17	Buffers	8
2/8/17	Polyprotic Acid-Bases	9
2/13/17	Ampholytes and Zwitterions	9
2/15/17	Complex Polyprotic Equilibria and Titrations	10
2/20/17	Amino Acids, Proteins, Electrophoresis- Complexation Equilibria	25.6, 11
2/22/17	Complexation and Chelation	11
2/27/17	Complex Solubility Equilibria	
3/1/17	pH and Complexation Control of Chelation Equilibria	
3/6/17	Metal Ion Indicators and Ca Fluorescence Probes	
3/8/17	Chelation Titrations and Buffers	12
3/13/17	Solubility Control by Weak Acid Formation and Complexation	
3/15/17	<b>Possible Mid-Tem Examination</b>	
3/20/17	Spring Break	
3/22/17	Spring Break	
3/27/17	Introduction to Oxidation Reduction Equilibria	13
3/29/17	Relationship between Potential and Concentration	
4/3/17	Relationship between Capacity and Concentration	
4/5/17	Redox Equilibria and Titrations	15
4/10/17	Batteries and Fuel Cells	
4/12/17	Solar Energy Generation	
4/17/17	Potentiometry	14
4/19/17	Amperometry	16
4/24/17	Mass Spectroscopy	21
4/26/17	Chromatography	22
5/1/17	High Pressure Liquid Chromatography	24
5/3/17	Gas Chromatography	23
5/10/17	<b>FINAL EXAM- 7:45 AM</b>	