Lecture	Day	Date	Торіс	Course packet	Quizzes and Exams
Physical and Chemical Equilibria, Intro to Aqueous Equilibria					
1	Т	1/20	Physical Equilibria—Vapor Pressure	1	
2	Н	1/22	Phases and Phase Transitions	2	
3	Т	1/27	Solubility	3	
4	Н	1/29	Colligative Properties, Binary Mixtures	4	Quiz 1
5	Т	2/3	Reactions at Equilibrium, Mass Action Law	5,6	
6	Н	2/5	Equilbrium and Stress, Van't Hoff Equation	6, 7	
7	Т	2/10	Aqueous Equilibria: Water autoprotolysis	8	
8	Н	2/12	Aqueous Equilibria: Solubility	9	Quiz 2
9	Т	2/17	Aqueous Equilibria: Monoprotic acids and bases	10.11	
	W	2/18	Exam 1		Lectures 1 - 9
Complex Aqueous Equilibria and Electrochemistry					
10	Н	2/19	Buffers Systems and Neutralization	12	
11	Т	2/24	Titrations	13	
12	Н	2/26	A stepwise approach to pH calculations	14. 14addendum	
13	Т	3/3	Solving Complex Equilibria: Dilute Species	15	
14	н	3/5	Polyprotic Acids	16	
15	Т	3/10	Balancing Redox Reactions	17	
16	н	3/12	Electrochemical Cell Convention and Famous Batteries	17	Ouiz 3
17	Т	3/24	Standard Cell Potentials	17	
18	Н	3/26	More advanced electrochemistry calculations	18	Ouiz 4
19	Т	3/31	Famous batteries	18 addendum	
	Н	4/2	An overview of exam material Exam 2		
	Н	4/2	Exam 2		Lectures 10 - 19
Kinetics, inorganic chemistry and organic chemistry					
20	Т	4/7	Reaction rates	19	
21	н	4/9	Differential and Integrated Rate Laws	20, 20 addendum	
22	Т	4/14	Kinetic Theory	21	
23	н	4/16	Reaction Mechanisms and Famous catalysts	21.22	Ouiz 5
24	Т	4/21	Famous Examples of Group I-IV Chemistry	23	
25	н	4/23	Famous Examples of Group V-VIII Chemistry	23	
26	Т	4/28	Organic Chemistry-Hydrocarbons	24	
27	Н	4/30	Organic Chemistry-Functional Groups	24	Ouiz 6
28	Т	5/5	Polymers and Biopolymers	25	
-	Н	5/7	Overview of material on Exam 3		
	Н	5/7	Exam 3		Lectures 20-28

CH302 COURSE OUTLINE