

Chemistry 204 Lecture Syllabus – Spring 2025

<u>DATE</u>	<u>TOPIC</u>	<u>CHAPTER(S)</u>
1/22	Course Introduction and Quantum Mechanics	12.1-12.5
1/24, 1/27, 1/29, 1/31, 2/3	Quantum Mechanics and Atomic Theory	12
2/5, 2/7 2/10	Covalent Bonding: Orbitals	14
2/12, 2/14, 2/17	Transition Metals and Coordination Chemistry	19
2/19	Review for Exam I (Exam I on 2/20)	
2/21	Go over Exam I	
2/24, 2/26, 2/28, 3/3, 3/5	Acids and Bases	7
3/7, 3/10 3/12, 3/14	Acids and Bases	8
Spring Break		
3/24	Applications of Aqueous Equilibria	8
3/26	Review for Exam II (Exam II on 3/27)	
3/28	Go over Exam II	
3/31, 4/2, 4/4, 4/7	Properties of Solutions	17
4/9, 4/11, 4/14, 4/16, 4/18	Electrochemistry	11
4/21, 4/23, 4/25, 4/28	Introduction to Organic Chemistry	21
4/30	Review for Exam III (Exam III on 5/1)	
5/2	Go over Exam III	
5/5	Chemical Demonstration Review Day	
5/7	Review for Final Exam (Final Exam on 5/15)	