

Intro P-Chem Assignment and Class Schedule – Spring 2021-Covid ver.2
 (Subject to Change –See website for updates)

Date	Lecture Notes (posted)	Problems Due
Jan 20	Gas Laws – 1 – 8	
Jan 22	Gas Laws – 9 – 18, Kinetic Theory 1 – 5	Units – Gases 1 – 2
Jan 25	Kinetic Theory – 6 – 20	Units – Gases 3 – 4
Jan 27	Thermodynamics – 1 – 7	Units – Gases 5 – 6
Jan 29	Thermodynamics – 8 – 16	Units – Gases 7 – 8
Feb 1	Thermodynamics – 17 – 20	Heat, Work, Energy 1 – 2
Feb 3		Heat, Work, Energy 3 - 4
Feb 5		Heat, Work, Energy 5 – 6 + 7 Optional
Feb 8	S and G – 1 – 5	
Feb 10	S and G – 6 – 8	Entropy 1 – 2
Feb 12	S and G – 9 – 12	Entropy 3 - 4
Feb 15		
Feb 17		
Feb 19		
Feb 22	Review	
Feb 24	Phase Transitions – 1 – 7	
Feb 26	Exam 1	
Mar 1	Phase Transitions – 8 – 13	Phase Transitions 1 – 2
Mar 3	Equilibrium – 1 – 6	Phase Transitions 3 – 4
Mar 5	Equilibrium – 7 – 13	Phase Transitions 5 – 6
Mar 8	Equilibrium – 14 – 20	Equilibria 1 – 2
Mar 10	Solutions – 1 – 8	Equilibria 3 – 4
Mar 12	Solutions – Ionic equilibria	Solutions 1 – 2
Mar 15	Review	Solutions 3 – 5
Mar 17	Exam 2	
Mar 19	Quantum – 1 – 10	
Mar 22	Quantum – 11 – 18	Quantum 1 – 2
Mar 24	Quantum – 19 – 24	Quantum 3 – 4
Mar 26	Quantum – 25 – 31	Quantum 5
Mar 29	Statistical Mechanics – 1 – 12	Quantum 6 – 7
Mar 31	Statistical Mechanics – 13 – 19	Statistical Mechanics – 1 – 2
Apr 2	Statistical Mechanics – 20 – 23	Statistical Mechanics 3 – 4
Apr 5	Statistical Mechanics – 24 – 40	Statistical Mechanics 5 – 6
Apr 7	Review	Statistical Mechanics 7
Apr 9	Exam 4	
Apr 12	Atoms – 1 – 14	
Apr 14	Atoms 15 – 22, and Molecules – 1 – 10	Atoms and Molecules 1 – 2
Apr 16	Molecules – 11 – 28	Atoms and Molecules 3 – 4
Apr 19	Spectroscopy – 1 – 9	Atoms and Molecules 5 – 7
Apr 21	Spectroscopy – 10 – 21	Spectroscopy 1 – 2
Apr 23	Spectroscopy – 22 – 29	Spectroscopy 2 – 3
Apr 26	Review	Spectroscopy 5
Apr 28	Exam 5	
Apr 30		
May 7	Comprehensive Final Exam	9:00 a.m. – 10:50 a.m.