

COURSE OUTLINE

Lecture Dates	Assigned Reading	Topics
March 30, April 1, April 4, 6, 7 ¶, 8, 11, 13, 15	Chapter 15 Sections 5.6, 5.8, 5.9 (background) Sections 21.2, 21.4	Chemical Kinetics
April 18, 20, **22 25	Sections 12.1-12.10 Section 16.3 (diffraction, for lab)	Quantum Mechanics and Atomic Theory
April 27, 29, May 2	Sections 12.11-12.16 (omit Fig. 12.32, SCF)	Many-electron Atoms The Periodic Table
May 4, 5 ¶, 6, 9, 11, 13,** 16	Chapters 13-14 (postpone 13.4-13.5, omit 14.7-14.11)	Chemical Bonding Molecular Structure
May 18,20, 23, 25	Sections 13.4-13.5, 16.1-16.2, 16.6, 16.10-16.11	Intermolecular Interactions
May 27, June 1	Sections 20.1, 20.3, 20.6	Transition Metal Chemistry
June 6**	cumulative	FINAL EXAM

¶ = There will be 2 scheduled x-hours on Thursdays April 7 and May 5. There may be more, so please keep this time slot open.

** = There will be 2 Midterm Exams, 7:30-9:30 PM, **Kellogg Auditorium/Mezzanine**, on Thursday April 21 and **Moore Filene Auditorium/B03** on Tuesday May 17, plus the final on Monday June 6, 8-10 AM.