

CHEMISTRY 1515 SECTION 2
THEORY AND LABORATORY SCHEDULE
SPRING 1998

Week of	Theory	Laboratory
Jan 12	Chapter 11: Intermolecular Forces, Liquids, and Solids	Introduction to the laboratory, Safety and Review Problem Set
Jan 19	Chapter 11: Intermolecular Forces, Liquids, and Solids Chapter 12: Modern Materials Chapter 13: Properties of Solutions	Review Problem Set/Laboratory Check-in/Experiment #1: Survival Organic Chemistry
Jan 26	Chapter 13: Properties of Solutions	Experiment #1: Survival Organic Chemistry
Feb 2	Chapter 13: Properties of Solutions Exam #1, Wednesday, February 4, 1998 at 5:30 p.m. Chapter 14: Chemical Kinetics	Experiment #1: Survival Organic Chemistry
Feb 9	Chapter 14: Chemical Kinetics	Experiment #13: Iodine Clock Kinetics
Feb 16	Chapter 14: Chemical Kinetics Chapter 15: Chemical Equilibrium	Experiment #5: Introduction to Spectroscopy
Feb 23	Chapter 15: Chemical Equilibrium	Experiment #7: Kinetics of Crystal Violet Decomposition
Mar 2	Chapter 16: Acid-Base Equilibria Exam #2, Wednesday, March 4, 1998 at 5:30 p.m	Experiment #8: Photometric Determination of an Equilibrium Constant
Mar 9	SPRING BREAK (YA-HOO)	NO LAB THIS WEEK
Mar 16	Chapter 16: Acid-Base Equilibria Chapter 17: Additional Aspects of Equilibria	Experiment #9: Determination of an Equilibrium Constant for a Weak Acid
Mar 23	Chapter 17: Additional Aspects of Equilibria	Experiment #6: Determination of Phosphate Concentration
Mar 30	Chapter 17: Additional Aspects of Equilibria	Experiment #2: Qualitative Cation Analysis
Apr 6	Chapter 18: Chemistry of the Environment Exam #3, Wednesday, April 8, 1998 at 5:30 p.m	Experiment #10: Copper (II) Tartrate Solubility
Apr 13	Chapter 19: Chemical Thermodynamics	Experiment #3: Qualitative Anion Analysis
Apr 20	Chapter 19: Chemical Thermodynamics Chapter 20: Electrochemistry	Experiment #11: Oxidation-Reduction
Apr 27	Chapter 20: Electrochemistry	CHECKOUT

Exam #4 and Final Examination : Tuesday, May 5, 1998 from 3:00 p.m. - 4:50 p.m

PROFESSOR: Dr. John I. Gelder, PS155, x47005 (jgelder@okway.okstate.edu)
OFFICE HOURS: 2:30 - 4:30 p.m.M, W and F and evening HELP Session (once per week)
TEXT: : CHEMISTRY: The Central Science, Prentice Hall, 7th Edition
LAB MANUAL: Department Lab Manual (Purchase from SU, Cowboy or Smith's Bookstore)