

SAFETY GLASSES (OSHA APPROVED), LAB COATS, LONG PANTS AND CLOSED-TOE SHOES MUST BE WORN IN THE LABORATORY AT ALL TIMES. FAILURE TO DO SO WILL RESULT IN DISMISSAL FROM THE LABORATORY

<u>Pre-lab Reports Due Date (if any)²</u>	<u>Laboratory Assignment</u>	<u>Technique Videos Assignment¹</u>	<u>Additional Lab Topics²</u>	<u>Supplementary Text Materials²</u>	<u>Post-labs Due Date²</u>
9/25 – 10/1 (No Pre-Lab)	Introduction to Lab Safety and Equipment Check-in	#5805 Safety	p.1 - 3		NONE
10/2 – 10/8	1- Pipets & Graphing Exercise	#5806 Use of a Pipet	p. 5		10/9 – 10/15
10/9 – 10/15	2 -Solutions & Concentrations (Handout with Revised Procedure)	#5802 Solution Preparation & #5804	p.2 – 3 p. 20 - 31	Appendix A, B, C1-C3	10/16 – 10/22
10/16 – 10/22	3 - Determination of Nitrogen Oxides and Particulates in Cigarette Smoke	#5804 Spectrophotometric Analysis GraphLab Software ⁴	p. 20 - 31	p. 601 - 605 p. 611 - 613	10/23 – 10/29
10/23 – 10/29	4 - Introduction to Titrations (Handout with Revised Procedure)	#5801 Use of a Buret	p. 4 & 12	p. 317 - 331	10/30 – 11/5
10/30 – 11/5	5 - Analysis of Phosphates in Detergents		p. 4 & 12	p. 346 - 350	11/6 & 12 (WR Labs) 11/18 (T Labs)
11/6, 12 & 18	Chemical Kinetics (Handout)			Chapter 13	11/13 & 19 (WR Labs) 11/25 (T Labs)
11/13, 19 & 25	6a - A Study of a Weak Acid (Part 1 ONLY)		p. 4 & 12	p.331 - 346	12/3 – 12/4 (WR Labs) 12/5 (T Labs)

¹ Technique Videos are available in Powell 270 or on the WWW (<http://www.oid.ucla.edu/Webcast/Chemistry/index.html>). You should view these programs (except #5805 and #5806) before your lab section meets for the specific experiment.

² Study topics are from the lab manual. Supplementary text materials are from *Principles of Modern Chemistry, 5th Ed.*, Oxtoby, Gillis and Nachtrieb, Thomson Learning Inc. However, you may use ANY general chemistry textbook that you have for review of the appropriate topics.

³ Pre-lab Reports are due at the BEGINNING of your regularly scheduled lab period. Post-lab reports are due on your regularly scheduled lab period listed under "Due Date".

⁴ This computer tutorial is in the Science Learning Center - Young Hall South - Room. 4335 and 4336

11/20,26 & 12/2 EXCEL Workshop (Handout) (NO PRE-LAB)

NONE

12/3 - 5

Lab Clean-up (Attendance is Mandatory)

NO LABORATORY WORK WILL BE ACCEPTED AFTER 5:00 PM, Dec. 5, 2003