

SAFETY GLASSES (OSHA APPROVED), LAB COATS, 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>Prelab Reports Due Date (if any)³</u>	<u>Laboratory Assignment</u>	<u>Videotape Assignment¹</u>	<u>Study Topics²</u>	<u>Related Text Materials²</u>	<u>Postlabs Due Date³</u>
1/7 – 1/10 (No Pre-lab)	Safety and Pipets Video 1- Pipets	#5805 Safety #5806 Use of a Pipet	p.1 - 3 p. 5	page A3 - A8 (in Appendix 1)	1/14 – 1/17
1/14 – 1/17	2 -Solutions & Concentrations Equipment Overview	#5802 Solution Preparation	p.2 - 3 p. 20 - 31	page F66 - F70	1/21 – 1/24
1/21-1/24	3 - Determination of Nitrogen Oxides and Particulates in Cigarette Smoke	#5804 Spectrophotometric Analysis GraphLab ⁴	p. 20 - 31		1/28 – 1/31
1/28 – 1/31	4 - Introduction to Titrations	#5801 Use of a Buret	p. 4 & 12	Chapter 10; p. 600 - 603	2/4 – 2/7
2/4 – 2/7	5 - Analysis of Phosphates in Detergents		p. 4 & 12	p. 604 - 607	2/11 – 2/14
2/11 – 2/14	<i>In-lab Midterm Exam (covers all materials related to experiments #1 – 5)</i>				
2/18 – 2/21	6a - A Study of a Weak Acid (<i>week 1 ONLY</i>)		p. 4&12; 20-31	page F88-F93	3/11 – 3/14
2/25 – 2/28	<i>EXCEL Workshop (Handout) (NO PRE-LAB)</i>				NONE
3/4 – 3/7	6b - A Study of Buffers (<i>week 2 ONLY</i>)		page F108-F112 p. 4&12; 20-31	p.579 - 603	3/11 – 3/14
3/11 – 3/14	Lab Clean-up (Attendance Required)				

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

² Study topics are from the lab manual. Related text materials are from *Chemical Principles - The Quest for Insight, 2nd Ed.*, Atkins and Jones, Freeman Publishing Company. *However, you may use ANY general chemistry textbook that you have for review of the appropriate topics.*

³ Prelab Reports are due at the beginning of your regularly scheduled lab period. Postlab reports are due at the end of your regularly scheduled period listed under "Due Date".

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

NO LABORATORY WORK WILL BE ACCEPTED AFTER 5:00 PM, March 14, 2003