

SAFETY GLASSES, 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>For Lab Periods on</u>	<u>Laboratory Assignment</u>	<u>Videotape Assignment<sup>1</sup></u>	<u>Writing Assignment</u>	<u>Study Topics<sup>2</sup></u>	<u>Related Text Materials<sup>2</sup></u>	<u>Report Due Date<sup>3</sup></u>
9/28 – 10/3	Safety and Pipets Video 1 – Pipets; Equipment	#5805 Safety #5806 Use of a Pipet	Significant Figures	II.1, II.3b III.1 - III.3	Appendix A	10/4 – 10/1
10/4 – 10/11	2 - Solutions, Concentrations, Detectability	#5802 Solution Preparation		II.3a	163 - 174	10/12 – 10/18
10/12 – 10/18	3 - Determination of Nitrogen Oxides and Particulates in Cigarette Smoke	#5804 Spectrophotometric Analysis	Graphing	II.7 III.5	98 - 111 623 - 624	10/19 – 10/25
10/19 – 10/25	4 - Introduction to Titrations	#5801 Use of a Buret	Volumetric Glassware	II.3b, II.4, III.4	173 - 176	11/2 – 11/6
10/26 – 11/1	5 - The Analysis of Phosphates in Detergents				44 - 49	11/9 – 11/15
11/2 – 11/8	6 - A Study of a Weak Acid and its Buffers (Part I)			II.5	314 - 353	11/16 - 11/22
11/9 – 11/15	EXCEL Workshop ( <i>Handout</i> ) pK of an		Indicator			
11/16 – 11/22	6 - A Study of a Weak Acid and its Buffers (Part II)		Buffers	II.5		11/27 - 12/1

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

<sup>2</sup> Study topics are from the lab manual. Reading assignments are from *Principles of Modern Chemistry, 4th Ed.*, Oxtoby, Gillis, and Nachtrieb, Saunders Publishing Co., 1999. However, you may use ANY general chemistry textbook that you have for review of the appropriate topics.

<sup>3</sup> Reports are due at the end of your regularly scheduled period listed under "Due Date".

*11/27 – 12/1*     **Mastering Chemistry Workshop**

*12/4 – 12/7*     **Lab Clean Up (Extra Credit Computer Assignment)**

**No laboratory work will be accepted after the end of your regularly scheduled period in the tenth week**