

SAFETY GLASSES, LAB COATS, LONG PANTS & 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 Laboratory Periods on</u>	<u>Laboratory Assignment</u> ¹	<u>Videotape Assignment</u> ¹	<u>Related Text Materials</u> ²	<u>Prelab Report Due Date</u> ³	<u>Postlab Report Due Date</u> ³
9/29 – 10/5	<i>Safety / Locker Check-in</i>	Safety	1-31 (M) A3-A7 (AJ)	NONE	NONE
10/6 – 10/12	1- Pipets; Graphing workshop (Handout)	Use of a Pipet	32-34 (M)	10/6 – 10/12	10/13 – 10/19
10/13 – 10/19	2(Revised) - Solutions, Concentrations, Detectability, Beer's Law (Handout)	Solution Preparation Spectrophotometric Analysis	F52-F57 (AJ) 124-125 (AJ)	10/13 – 10/19	10/20 – 10/26
10/20 – 10/26	3a - Vinegar: A Study of a Weak Acid and its Buffers	Use of a Buret	365-427 (AJ)	10/20 – 10/26	11/3 – 11/9
10/27 – 11/2	3b - Vinegar: A Study of a Weak Acid and its Buffers		F67-F72 (AJ) F80-F87 (AJ)	10/27 – 11/2	11/3 – 11/9
11/3 – 11/9	4a - Aspirin: Synthesis	Recrystallization	78-92 (M)	11/3 – 11/9	11/15 – 11/18
11/15 – 11/18	4b - Aspirin: Analysis by Titration and Melting Point	Melting Point Determination	93-103 (M) F88-F90(AJ)	11/15 – 11/18	11/29 – 12/2
11/29 – 12/2	Kinetics (Handout) & Lab Clean Up		595-612 (AJ)	11/29 – 12/2	12/6 – 12/9
12/6 – 12/9	Lab clean-up (Attendance is MANDATORY)			NONE	NONE

¹ Videotapes are available in Powell 270 or at (<http://www.oid.ucla.edu/Webcast/chemistry/index.html>) You are to view these programs (except Safety) before lab.

² Reading assignments are from *Techniques in Organic Chemistry*, Mohrig, Hammond, Schatz, and Morrill (M) and *Chemical Principles - The Quest for Insight*, Atkins and Jones, 3rd Ed. (AJ). You may, however, use any general chemistry textbook that you have for review of the appropriate topics.

³ Pre-lab and post-lab reports are due at the beginning of your regularly scheduled lab periods listed under "Due Date."

NO LABORATORY WORK WILL BE ACCEPTED AFTER 5:00 PM on Friday, December 9, 2005