

Chemistry and Society Laboratory CHM 1032L

The following items are required for this course. They can be purchased at the FIU Book Store. **It is important that you have all the required items with you plus the pre-lab write-up when you show up for each experiment. See pages 8 - 9 in your lab manual for information on the pre-lab assignment.**

1. Chemistry and Society Laboratory Manual, 2002, Graves
2. A bound notebook with original/duplicate numbered pages.
3. A simple calculator.
4. A black or blue ball point pen and a student ruler.
5. A pair of safety goggles and protective clothing including long sleeves, pants, socks and shoes that cover ALL of the foot. Do not wear good clothes to the lab. **Students won't be allowed in lab without goggles or proper clothing.**

Note: Ballet flats, Crocks, and "barefoot" style shoes are NOT ACCEPTABLE in the lab.

<u>Exp</u>	<u>Dates</u>	<u>Experiments</u>	<u>Pages</u>
	Jan. 6 - 10	Check-in, Safety Rules, General Instructions	1 - 3
1	Jan. 13 - 17	Measurements and Density Determination	4 - 11
	Jan. 20	Martin Luther King (MLK) Day - No Lab	
2	Jan. 22 - 27	Investigation of a Powder	12 - 14
3	Jan. 28 - Feb. 3	Chromatography: A Separation Technique	27 - 29
4	Feb. 4 - 10	Activity Series and Types of Chemical Reactions	15 - 17
5	Feb. 11 - 17	Up in Smoke	20 - 23
6	Feb. 18 - 24	Antacid Experiment (<i>pre-lab is a handout</i>)	30 - 34
7	Feb. 25 - Mar. 3	The Detection of Acids and Bases Using Visual Indicators and a pH Meter	24 - 26
8 (Part I)	Mar. 4 - 7 & 17	Qualitative Analysis for Ag ⁺ , Pb ²⁺ , and Ni ²⁺ ions	35 - 40
8 (Part II)	Mar. 18 - 24	Qualitative Analysis (continued)	35 - 40
9	Mar. 25 - 31	The Thirsty Polymer that Lives in Diapers	45 - 49
TBA	Apr. 1 - 7	Lab Practicum Exercise (<i>no pre-lab assignment</i>)	N/A
	Apr. 8 - 14	Check-out, Teaching Evaluation, Lab Final Exam	N/A

General Information:

- **Labs will begin on the date indicated.** After Martin Luther King Day, the lab week will begin on Tuesday and run through the following Monday. Students will perform the lab on their regular lab day as indicated on the calendar (see page 2).
- **Grading Scale:** Course grades will be assigned based on your rank within the class. Historically, approximately the top 25% of each section has received an A
 - **THREE ZEROS WILL RESULT IN AN AUTOMATIC GRADE OF "F" FOR THE SEMESTER.**
- **Grading Policy:**
 - All lab reports are due at the beginning of the next laboratory session.
 - There will be a 20% per day penalty imposed for late lab reports (not counting Sat and Sun); therefore, a lab that is 5 days late will be worth 0 points. (e.g., A 10-point lab that is due on Thurs is turned in on Mon; it is 2 days late and would be worth a maximum point value of 6 points.)
 - Lab reports can be turned in to your TA during laboratory session or in to your TA's mailbox. You should locate your TA's mailbox on the first day of class. Placing a lab in the wrong mailbox is not considered an excuse!
- **Missed labs and Make-up lab policies:**
 - You will be asked to leave the lab if you arrive late, do not have the proper attire for lab, or do not have the correct, complete pre-lab. None of these count as a valid excuse for a make-up lab.
 - Missing a lab will lead to a grade of zero.
 - Due to the space requirement and necessity of different chemicals for each lab, the stockroom cannot leave labs out after they are finished. Therefore, each lab is only available to be performed during that lab week (please refer to the calendar on page 2).
 - A lab can only be made up if missed for a "valid reason," with a properly signed permission form. You may get the form from your own TA, Lilia San Miguel at the Stockroom, Dr. Swamy in CP 316, or from Dr. Graves in CP

302. You will not be allowed to make up a lab without the signed form. Take this permission form with you and get it signed and dated by the TA with whom you make up the lab.
- **ONLY 2 MAKE-UP LABS WILL BE ACCEPTED FOR THE ENTIRE SEMESTER.**
 - The lab report for a make-up lab has to be turned in to your regular TA with the rest of the lab class. The permission slip containing all the requisite signatures must be attached to that lab report; or the lab report will not be graded. (e.g., Your regular lab meets Wed. at 11:45 am. You missed your Wed. lab and wanted to make it up. You obtain a make-up slip and complete a make-up lab for this experiment at 4 pm on Tue. Your lab report, with the make-up slip attached, is still due on Wed. morning at 11:45 am with the rest of the class.)
 - **Turning your lab report into a wrong mailbox** is the same as not turning it in at all and will be a zero.
 - Please also note that attending a lab, but not turning in a lab report is the same as missing the lab, and you will be assigned a grade of zero.

**Spring 2014
CHM 1032L Calendar**

Mon.	Tues.	Wed.	Thurs.	Fri.
Jan. 6 Check-in	7 Check-in	8 Check-in	9 Check-in	10 Check-in
Jan. 13 Exp. 1	14 Exp. 1 Reg. Closes	15 Exp. 1	16 Exp. 1	17 Exp. 1
Jan. 20 MLK Day	21 Exp. 2	22 Exp. 2	23 Exp. 2	24 Exp. 2
Jan. 27 Exp. 2	28 Exp. 3	29 Exp. 3	30 Exp. 3	31 Exp. 3
Feb. 3 Exp. 3	4 Exp. 4	5 Exp. 4	6 Exp. 4	7 Exp. 4
Feb. 10 Exp. 4	11 Exp. 5	12 Exp. 5	13 Exp. 5	14 Exp. 5
Feb. 17 Exp. 5	18 Exp. 6	19 Exp. 6	20 Exp. 6	21 Exp. 6
Feb. 24 Exp. 6	25 Exp. 7	26 Exp. 7	27 Exp. 7	28 Exp. 7
Mar. 3 Exp. 7	4 Exp. 8 (pt. I)	5 Exp. 8 (pt. I)	6 Exp. 8 (pt. I)	7 Exp. 8 (pt. I)
Mar. 10 Spring Break	11 Spring Break	12 Spring Break	13 Spring Break	14 Spring Break
Mar. 17 Exp. 8 (pt. I) Last drop day	18 Exp. 8 (pt. II)	19 Exp. 8 (pt. II)	20 Exp. 8 (pt. II)	21 Exp. 8 (pt. II)
Mar. 24 Exp. 8 (pt. II)	25 Exp. 9	26 Exp. 9	27 Exp. 9	28 Exp. 9
Mar. 31 Exp. 9	April 1 TBA	2 TBA	3 TBA	4 TBA
Apr. 7 TBA	8 Checkout & final	9 Checkout & final	10 Checkout & final	11 Checkout & final
Apr. 14 Checkout & final	16	17	18	19 Classes end

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