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To the student: READ AND RETAIN THIS SYLLABUS! It contains details pertinent to CHM 2046L. **YOU ARE RESPONSIBLE FOR THIS INFORMATION! READ IT CAREFULLY!** Ignorance is NOT an excuse!

Students With Disabilities: Students needing special accommodations in CHM 2046L must register with the Disability Resource Center (001 Reid Hall) to get documentation for Dr. Horvath to obtain the accommodations.

Corequisite: CHM 2046L is to be taken with CHM 2046 or CHM 2051 (Honors).

Prerequisite: Before enrolling in CHM 2046L (and CHM 2046) both CHM 2045 and CHM 2045L must have been passed.

E Learning (EL on Sakai): EL (Sakai) is used for grade maintenance, message-posting, etc. Login to EL using your GatorLink ID and password at: Lss.at.ufl.edu **IT IS YOUR RESPONSIBILITY TO CHECK EL REGULARLY FOR INFORMATION & MESSAGES REGARDING CHM 2046L.**

Beginning the Term (Read Carefully!): CHM 2046L begins T: 9/2/14 - M: 9/8/14. On these days all 46L sections check in and get going with Assignment 1 in the CHM 2046L Lab Manual. **TO GET STARTED PROPERLY ANSWER Q 1.1 ON PAGE 1-13 IN ASSIGNMENT 1 BEFORE YOU ARRIVE FOR CHECK IN.**

ATTEND YOUR FIRST SCHEDULED LAB SESSION (LS). YOUR 46L SPACE CAN BE LOST BY NON-ATTENDANCE.

During the Term (Read Carefully): There are no regular LSs on: M:9/1/14 (Labor Day); F:10/17/14 (Homecoming); T:11/11/14 (Veteran's Day); and, W:11/26/14 - F:11/28/14 (Turkey Days).

M Sects MU (MU): MU for Labor Day is achieved by meeting Lab on M:11/24/14 at regular Lab times.

T Sects MU: MU for Vet's Day is achieved by meeting Lab on T:11/25/14 at regular Lab times.

F Sects MU*: MU for Homecoming is achieved by meeting Lab on R during pers 11-E2 in accord with:

Sect. 6121 =>pers 11-E2 on R:10/9/14. Sect. 6124 =>pers 11-E2 on R:10/16/14. Sect. 6322 =>pers 11-E2 R:10/23/14.

***If you are a Friday (F) student with a schedule that prevents you from meeting with the above MU arrangement, please see Stockroom Personnel by Sep. 26 to schedule an individual MU. ALSO SEE ** at "Makeup Lab" on p. 3.**

The above schedule gives each 2046L section the maximum allotment of 13 LSs for the term.

Required Equipment: Each listed item is to be in your possession at the first LS and will be used in all other LSs. See that you have these items.

1. CHM 2046L Lab Manual. "Chemistry for Laboratory II" by Horvath, 4TH Ed. Get at UF or other local bookstore. New manual required if you are repeating this course.
2. Chem. Dept. approved eye protection. UVEX S2500-S2530 plastic safety glasses (available at UF or Florida Bookstore) or full safety goggles must be used as these can cover prescription glasses. **NO EXCEPTIONS.** Also, avoid the use of contact lenses in the lab.
3. Towel and sponge (for clean up).
4. Ball pen (nonerasable!). All entries in the Lab Manual must be made in indelible ink. **NO** pencil. **EVER!**
5. "Sharpie" permanent felt-tip glass marking pen.
6. Lab apron (optional). You are urged to protect your person and clothing by wearing an apron in Lab.

Safety & Clean-Up: See GENERAL CHEMISTRY LABORATORY REGULATIONS (GCLR). Students may not work in the Lab without complete compliance with these rules. (You will receive a copy of the GCLR in your first LS.)

1. EYE PROTECTION must be worn on entering, working in, & leaving lab. **NO** EXCEPTIONS. (See GCLR.)
2. Complete lace-up shoes (not sandals, thongs, etc.) are required Lab footwear. (See GCLR.)
3. Long hair is to be appropriately constrained. Hair is very flammable!
4. **Full-length JEANS** (other leg attire not acceptable in Lab) are required for both males and females.
5. No visitors or browsers are permitted in the Lab.
6. Note location of fire extinguisher, overhead shower, and eyewash station. Use safety devices as necessary!
7. **NO EATING, DRINKING, OR SMOKING PERMITTED IN THE LAB AT ANY TIME.**
8. Use only required amounts of chemicals. **NEVER** return unused portions to original container. Use supplies ONLY from your Lab Area. As necessary get additional supplies at Stockwindow – **NOT** another Lab Area.
9. **CLEAN UP ANY MESS YOU MAKE.** Discard waste materials appropriately - consult instructor if you have questions. **CLEAN YOUR WORK AREA AT CONCLUSION OF EACH LS. PENALTIES WILL BE APPLIED FOR FAILURE TO CLEAN UP PROPERLY!** (See "HOUSEKEEPING" in GCLR.)
10. Do not leave lit burners unattended. Extinguish burner after use.
11. Perform **NO** unauthorized experiments!

Cell Phone Use: Turn **OFF** cell phones in Lab! Cell phone use in Lab costs 10 pts from SG per call up to 3 calls – then SG = zero! If you are to get an emergency call, tell your TA and when call comes step out of Lab to answer the call.

Attendance: **THE STUDENT IS TO BE ON TIME FOR EACH SCHEDULED LS AND WORK THE ENTIRE LS UNTIL ALL WORK FOR THE TERM IS COMPLETED.** LSs provide ample time for all required as well as extra credit work plus some repeat work (excluding unknown analysis – unknown analysis may be repeated only by approval of Dr. Horvath).

Work in Lab is permitted ONLY during the scheduled LS for which student is enrolled. (Authorized makeup is the only exception -- see p. 3 at "Makeups".) Moreover, students may not work until their TA arrives and must finish work, CLEAN UP, and leave Lab by the end of the LS. Clean up during last 10 minutes of LS. (See GCLR.)

Preparation: Preparation prior to each Assignment is required. This means pre-read entire Assignment with emphasis on understanding Discussion in the Lab Manual. Almost all 46L work is done in Lab. Exceptions are "Problems" (Ps) and preparation of Schemes for Unknown Analysis. *Ps and Unknown Schemes are homework.* **Note:** Solutions to all Ps except: P1.1, 1.2, Unknown Schemes, and Ps for Assignments 10 and 11, are posted so that you can check your own Ps. **P solutions are posted on the 46L bulletin boards (outside east wall of CLB C130 & next to LEI 224).**

NOTE: REGARDLESS of UF SCHEDULE, pers 11-E2 LSs END at 9:15 pm. Thus, ALL 46L SECTS HAVE LSs of 3 hours.

Approx no. of LSs Req'd to Complete each Assignment(A): A1-1 A2-2.5 Unk 2A/B -0.5 A3-1 A4-1 Unk 5A/B -0.67 A6-1.5 A7-1 A8-1.5 Unk 9A/B -0.67. **Thus, if you are prepared on coming to Lab, you have ample time to do all req'd work as well as extra credit work. BUT, IF YOU FALL BEHIND, YOU MUST PICK UP YOUR PACE.**

Deadlines: Experiment work for Assignment 1 (see * below) should be completed during LS 1 following check in. Thereafter, beginning with Assignment 2, all work is "self pace" (**EXCEPT FOR UNKNOWN ANALYSIS!**).

*** The "Experiment" for Assignment 1 may be done in teams of two.** This is permitted because many solutions must be prepared for this work. But, after Assignment 1, **NO** teamwork in 46L is permitted. **NO EXCEPTIONS!**