

Sections	Day/Per Room	Instructor	Ofc	Ofc Periods
0756-0760, 0762-0764, & 1913	MWF-5 CLB C130 (Discussions on T)	James Horvath	LEI 132	MWRF-6 & any time Ofc is open. <i>Just walk in!</i>

Note: These Sects are NOT connected with any other 2046 Sects for Fall, 2013.

TEXT (Required!): CHEM NOTES II (CN II) by Horvath – available at local book stores. (Note: Silberberg text used for CHM 2045 is neither required nor recommended.)

WEBSITE: "ABSOLUTELY CHEMISTRY" @jchorvath.wikispaces.com **ALL LECTURES POSTED ON THIS SITE**

DISCUSSION SECT: Registration in CHM 2046 for a Sect. indicated above includes co-registration for a T Disc. **Be sure to check the online Fall 2013 Course Schedule for correct Disc. Sect. time/location information.**

PREREQUISITES: Passing grade in CHM 2045 and CHM 2045L. Transfer students must consult with the instructor before continuing with CHM 2046 to be sure they have the appropriate prerequisites.

COREQUISITE: CHM 2046L. Obtain and READ the syllabus for CHM 2046L if you are also registered for CHM 2046L.

COURSE INFORMATION: Success in this CHM class requires recognition that the chemistry considered in Lecture and Discussion plus CHEM NOTES II (CN II) is the course. Other text study may help, but without **ATTENDING ALL LECTURE AND DISCUSSION CLASSES COUPLED WITH UNDERSTANDING THE CHEMISTRY ADRESSED BY THE Q's IN CN II** (which will be discussed in Lecture & Discussion!) no student can hope to succeed.

STUDY CN II CAREFULLY **ALWAYS BRING CN II TO LECTURE and DISCUSSION CLASS.**

E Learning (EL on Sakai): EL (on Sakai) is used to post info such as grades & past/present keys to QZs & EXs. Use Gator-Link ID and password to log onto EL (on Sakai) at: Lss.at.ufl.edu (EL is NOT the "wikispaces" WEBSITE.)

Calculator: You must have your own calculator. Calculators may be used on Quizzes and Exams but they may NOT be shared. **Calculator storage of information for use on in-class Quizzes or Exams is strictly forbidden.**

Cell Phone: During class turn OFF cell phones. **Cell phones ringing in class can result in severe grade penalties.**

Use of cell phone and/or communication-capable calculator is NOT permitted during in-class Quizzes or Exams.

COURSE SCHEDULE (tentative)

Week of	Topic	Chapters from CHEM NOTES II (CN II) & Corresponding Chapters from Silberberg (S) text
Monday	(topic dates are approximate)	
Aug 19	Chem EQ. B/L Acid/Base Chem.	Ch 17. Ch 18. S-Ch18 & 19. Assign. 1 in CHM 2046L*. *Required 46L material will always be discussed in class.
Aug 26	B/L Acid/Base Chem - cont'd.	Continue with above (CWA).
Sep 2	(M: Sep 2 - No Class. Labor Day) B/L Acid/Base Chem - cont'd.	Special Quiz 1 (SQ1) issued. (Due T: 10/1/13) CWA.
Sep 9	EQ Involving Semisoluble Salts	Ch 19. S-Ch16. Assign. 3 in 46L
Tues 9/10/13	QUIZ 1 - On lecture material and associated CHM 2046L material to date.	
Sep 16	EQ Involving Semisoluble Salts - cont'd	CWA.
Wed 9/18/13	EXAM 1 - On lecture material and associated CHM 2046L material to date. Periods E2-E3. Location TBA. (Note: Wed per 11-E2 46L students will take EXAM 1 at an alternate time.)	
Sep 23	EQ Involving Semisoluble Salts - cont'd	CWA.
Sep 30	Thermodynamics	Chs 20 & 21. S-6 & 20.
Oct 7	Thermodynamics - cont'd. SQ2 issued. (Due T:11/5/13)	CWA.
Tues 10/8/13	QUIZ 2 - On lecture material and associated CHM 2046L material to date.	
Oct 14	Electrochemistry	Ch 22. S-21.
Oct 21	Electrochemistry - cont'd	CWA.
Thurs 10/24/13	EXAM 2 - On lecture material and associated CHM 2046L material since Exam 1. Periods E2-E3. Location TBA. (Note: Thurs 11-E2 46L students will take EXAM 2 at an alternate time.)	
Oct 28	Periodic Properties & Trends	Ch 23. S-8, 9, 10, 11, 21.
Nov 4	(F: Nov 8 - No Class. Homecoming.) Per. Props. & Trends - cont'd.	CWA.
Nov 11	(M: Nov 11 - No Class. Veterans Day) Transition Metal (TM) Coordination Chemistry	Ch 24. S-22.
Tues 11/12/13	QUIZ 3 - On lecture material and associated CHM 2046L material to date.	
Nov 18	TM Chem - cont'd SQ3 issued. (Due T: 12/3/13)	CWA.
Thurs 11/21/13	EXAM 3 - On lecture material and associated CHM 2046L material since Exam 2. Periods E2-E3. Location TBA. (Note: Thurs per 11-E2 46L students will take EXAM 3 at an alternate time.)	
Nov 25	(W: Nov 27 - F: Nov 29 - No Classes. Turkey Days) TM Chem - cont'd	CWA.
Dec 2	(W: Dec 4 is last class) Molecular Orbital Theory (MOT) Nonmetal (nM) Chem (Students <u>must</u> study nM chem on their own!)	Ch 25. S-11, sect 11-3. Ch 26. S-14.
Mon Dec 9	FINAL EXAM - On lecture material and associated 2046L material since Exam 3 & material from previous Exams – as announced. 3:00 pm – 5:00 pm. (Exam Group 9D.) Location TBA.	

QUIZ/EXAM COVERAGE: Material for QUIZ(QZ) or EXAM(EX) in-class may overreach or under-reach assigned Topics since each QZ or EX will correspond to material covered to date. Pace studies and EX prep accordingly.

QZ/EX NATURE: QZs are a mix of mult. choice & "free response" Q's. EXs are mult. choice only.

REMEMBER: Lecture, Discussion, & CN II – particularly CN II Qs, defines the course and material for QZs & EXs!

SPECIAL QUIZZES (SQs): Three SQs (formerly "BQ"s) will be given *to inspire deep learning!* SQ rules/format will be announced. Earned SQ pts add to your overall point total and count toward your grade. (See below at "GRADING".)

DISCLAIMER: The COURSE SCHEDULE (above) and topics listed within may change. As necessary, Dr. Horvath will make changes as the term proceeds. Changes will be announced at (or about) the time at which they occur.

INSTRUCTOR'S REQUEST: Please do **NOT** approach the instructor with questions (Q's), etc., just before class as the instructor will arrive with thoughts on the forthcoming lecture and Q's asked at this time can be disruptive. But, do see the instructor with Q's at scheduled office periods as these times are devoted toward assisting students.

GRADING: Each Quiz, SQ, and Exam counts! NO grade will be dropped! Base pt-values per graded event are:

EXAMS (x3) at 200 (min) pts each	⇒ 600 pts.	NOTE: EXTRA CREDIT IS EARNABLE ON EACH QUIZ & EXAM. {That's what (min = minimum) indicates!}
In-class Quizzes (x3) at 75 (min) pts each	⇒ 225 pts.	
Special Quizzes (x3) at 75 (min) pts each	⇒ 225 pts.	
FINAL EXAM* at 250 (min) pts	⇒ <u>250 pts.</u>	
	1300 pts. ⇒ base value for the course	

The CHM 2046 COURSE GRADE WILL THEN BE DETERMINED BY THE FOLLOWING POINT TOTALS:

1100 or up → A	1000-1049 → B+	900 - 949 → B-	800 - 849 → C	700 - 749 → D+	600 - 649 → D-
1050 - 1099 → A-	950 - 999 → B	850 - 899 → C+	750 - 799 → C-	650 - 699 → D	Below 600 → E

The pt-totals per letter grade may be lowered (not likely) but will not be raised. Thus, a total-pt achievement as indicated guarantees the corresponding grade as a minimum course grade.

Note: Grades are determined strictly by total pts earned. Disregard "out-of" values seen in the Sakai GradeBook!

***POSSIBLE "GRADE BOOST":** Since the Final Exam is cumulative to an extent, the instructor reserves the right to consider assigning a letter grade above that which the student would receive based strictly on "total points" (as indicated above). This qualification cannot lower your grade and will depend on the instructor's evaluation of the student's performance on the Final. **NOTE THAT THIS IS NOT A NEGOTIABLE ISSUE.** Just do the best you can on the Final. **ALL DECISIONS ON "GRADE BOOSTS" ARE STRICTLY AT THE DISCRETION OF THE INSTRUCTOR.**

ALSO NOTE: Course grades depend strictly and exclusively on earned points for Quizzes and Exams. Grades do **NOT** depend on time or effort spent, personal difficulties, or your assessment of your performance.

Makeup EXAM: Making up a missed EXAM (or QUIZ) is a serious and burdensome problem. Consequently, a makeup EXAM (or QUIZ) will be granted solely at the discretion of the instructor. And, at the minimum, this will require that you have a legitimate excuse and that you have brought this to the attention of the instructor within ±48 hours of the missed EXAM (or QUIZ). Do not miss any scheduled EXAM (or QUIZ) if at all possible!

Exam Conflict: An EXAM conflict for legitimate cause must be reported to the instructor **BEFORE** the EXAM. Note that a taken EXAM establishes a score which will not be viewed as if it does not exist.

EXAM (or QUIZ) Grade/Score Correction: A student contending that an EXAM (or QUIZ) has been mis-graded or mis-scored must report this **IN PERSON** to the instructor or TA responsible for grading within one week of receiving the original grade or score. Failure to follow this policy results in no reconsideration of the contended grade or score. **REMEMBER: Questions on grades & grading MUST be presented IN PERSON.**

ATTENDANCE REMINDER: Since lecture and discussion is a huge part of course definition, the student is herein again reminded about the absolute necessity of class attendance. Moreover, because of the great quantity of chemistry to be tackled, lecture along with discussion and review, will often be presented during Discussion Class. So, missing Discussion Class will usually result in missing new material. **DO NOT MISS CLASS! BUT, IF YOU DO MISS CLASS, RECOGNIZE THAT IT IS YOUR RESPONSIBILITY TO FIND OUT WHAT YOU MISSED AND GET IT!** (Remember: All lectures can be viewed at "ABSOLUTELY CHEMISTRY" @jchorvath.wikispaces.com)

STUDENT WITH DISABILITY: A student needing special classroom or testing accommodations must register with the Disability Resource Center (DRC - located in 001 Reid Hall - ground floor) which will supply the student with the documentation to be presented to the instructor so that appropriate accommodations can be provided.

HONESTY: This is an absolute must! Any student who cheats will receive an "E" for the course as a minimum penalty. For information on UF's policy on honesty and cheating visit: www.chem.ufl.edu/~itl/honor.html

HELPFUL HINTS: The key to success is **KEEP UP**. This means attend **ALL** classes, keep pace with current lecture material, and carefully study corresponding CN II material including pertinent Qs. Work Qs in CN II diligently. Do **NOT** simply copy answers to Qs you cannot solve. Instead, get out-of-class help. Recognize that we **WILL GLADLY HELP** any student who is sincerely trying.

Out-of-Class Help: Out-of-class help for Gen Chem students will be provided on a regular daily basis in the Chemistry Learning Center (CLC) which is FLI 257. (**Do NOT eat, drink, or socialize in the CLC.**) All Gen Chem TAs conduct their office periods in CLC. So, note your TA's office periods, and, if you need out-of-class help but cannot contact your TA, you may request help from any 2046 TA for this class who is on duty in the CLC. A help-schedule will be posted on Sakai and help will generally be available at various times throughout the week from M thru F.

COMPLAINTS/CONFLICTS/GRADE Qs, etc: If you experience issues with CHM 2046 (such as Qs on grading) which you cannot resolve with your Discussion TA, please see:

DR. JAMES C. HORVATH IN LEIGH 132.

DR. HORVATH MUST BE SEEN IN PERSON TO RESOLVE ALL ISSUES REGARDING CHM 2046. Contact via email or telephone is NOT acceptable and WILL BE IGNORED! This policy remains in effect during as well as after the Term.

HAVE A GREAT SEMESTER

Those who never try are those who really fail! Much more is gained from a hard-earned "C" than from a soft, easy "A"!