

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. Just walk in!

Note: These Sects are NOT connected with any other 2046 Sects for Fall, 2012.

TEXT (Required!): CHEM NOTES II (CN II) by Horvath – available at local book stores.

TEXT- **NOT** required: "Chem Princ.", 2nd Ed., by Silberberg

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 2012 Course Schedule for correct Disc. Sect. time/location information. NOTE THAT DISCUSSION ATTENDANCE (as with Lecture) IS AN ABSOLUTE NECESSITY TO BE SUCCESSFUL.**

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 registered for CHM 2046L.

COURSE INFORMATION: To be successful in this CHM 2046 class the student **must** understand that the chemistry considered in Lecture and Discussion plus CHEM NOTES II (CN II) is the course. Other Text study (as appropriate) might help you with the course – but it is **NOT** the course – and no student can succeed without attending each Lecture **and** Discussion Class coupled with learning **ALL** the chemistry considered in class and from CN II.

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

E Learning (EL on Sakai): EL (on Sakai) is used for distribution of course info, grade maintenance & posting. Use your Gator-Link ID and password to log onto EL (on Sakai) at: Lss.at.ufl.edu

Calculator: You must have your own scientific 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: 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)
Monday	(topic dates are approximate)	& suggested Text Chapters (Silberberg - S)

NOTE THAT Q's FROM CNII ARE OF UTMOST IMPORTANCE!

Aug 20	Chem EQ. B/L Acid/Base Chem.	Ch 17. Ch 18l. S-Ch18 & 19. Assign. 1 in CHM 2046L. <i>(Req'd 46L mat'l always discussed in class.)</i>
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Aug 27	B/L Acid/Base Chem - cont'd.	Continue with above.
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Sep 3	B/L Acid/Base Chem - cont'd. <u>BQ 1 (due T: 10/2/12)</u>	Continue with above.
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M: Sep 3 - No Class. Labor Day.

Sep 10	EQ Involving Semisoluble Salts	Ch 19. S-Ch16. Assign. 3 in 46L
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Tues 9/11/12	QUIZ 1 - On lecture material and associated CHM 2046L material to date.	
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Sep 17	EQ Involving Semisoluble Salts - cont'd	Continue with above.
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Thurs 9/20/12	EXAM 1 - On lecture material and associated CHM 2046L material to date. Periods E2-E3. Location TBA. <i>(Note: Thurs per 11-E2 46L students will take EXAM 1 at an alternate time.)</i>	
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Sep 24	EQ Involving Semisoluble Salts - cont'd	Continue with above.
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Oct 1	Thermodynamics	Chs 20 & 21. S-6 & 20.
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Oct 8	Thermodynamics - continued <u>BQ 2 (due T:11/6/12)</u>	Continue with above.
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Tues 10/9/12	QUIZ 2 - On lecture material and associated CHM 2046L material to date.	
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Oct 15	Electrochemistry	Ch 22. S-21.
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Oct 22	Electrochemistry - cont'd	Continue with above.
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Thurs 10/25/12	EXAM 2 - On lecture material and associated CHM 2046L material since Exam 1. Periods E2-E3. Location TBA. <i>(Note: Thurs 11-E2 46L students will take EXAM 2 at an alternate time.)</i>	
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Oct 29	Periodic Properties & Trends	Ch 23. S-8, 9, 10, 11, 21.
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Nov 5	Periodic Properties & Trends - continued	Continue with above.
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F: Nov 9 - No Class. Homecoming.

Nov 12	Transition Metal (TM) Coordination Chemistry	Ch 24. S-22.
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M: Nov 12 - No Class. Veterans Day.

Tues 11/13/12	QUIZ 3 - On lecture material and associated CHM 2046L material to date.	
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Nov 19	TM Chem - cont'd <u>BQ 3 (due T: 12/4/12)</u>	Continue with above.
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R:Nov 22 & F:Nov 23 - No Classes. Turkey Days.

Nov 26	TM Chem - cont'd	Continue with above.
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Wed 11/28/12*	EXAM 3 - On lecture material and associated CHM 2046L material since Exam 2. Periods E2-E3. *date may change Location TBA. <i>(Note: Wed per 11-E2 46L students will take EXAM 3 at an alternate time.)</i>	
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Dec 3	Molecular Orbital Theory (MOT) (<i>W: Dec 5 is last class.</i>) Nonmetal (nM) Chem (Students must study nM chem on their own!)	Ch 25. S-11, sect. 11-3. Ch 26. S-14.
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Mon Dec 10	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 10D.) Location TBA.	
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QUIZ/EXAM COVERAGE: Material for EXAM or in-class QUIZ may overreach or under-reach assigned Topics since each EXAM (or Quiz) will correspond to material covered to date. Pace studies and EXAM prep accordingly.

QUIZ/EXAM NATURE: Quizzes are a mix of multiple choice & “free response” Q’s. Exams are multiple choice only.

BONUS QUIZZES (BQs): BQs (3) are offered *to inspire deep learning!* BQ rules/format will be announced. Points earned on BQs add to your overall point total and count toward your grade. (See below at “GRADING”.)

DISCLAIMER: The COURSE SCHEDULE (above) and information contained is subject to change. Dr. Horvath reserves the right to make changes as necessary as the term proceeds. Such 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 are disruptive. But, do see the instructor with Q’s at scheduled office periods as these times are devoted toward assisting students.

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

EXAMS (x3) at 200 pts each	⇒	600 pts.	NOTE: EXTRA CREDIT IS EARNABLE ON EACH QUIZ & EXAM.
In-class Quizzes (x3) at 75 pts each	⇒	225 pts.	
Bonus Quizzes (x3) at 75 pts each	⇒	225 pts.	
FINAL EXAM* at 250 pts	⇒	250 pts.	
		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

Grades are determined strictly by total points earned. Disregard “out-of” values shown in the Sakai GradeBook!

The above point-totals per letter grade may be lowered (*not* likely) but will not be raised. Therefore, any total-point achievement as indicated guarantees the corresponding grade as a minimum grade.

***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 and be aware that under *no* circumstances will a student be given permission to make up more than once.

Exam Conflict: An EXAM conflict *for legitimate cause* must be reported to the instructor **BEFORE** the EXAM.

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 the material presented in lecture and discussion defines the course, the student is herein again reminded about the absolute necessity of class attendance. Also, 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 may well result in missing new material. **DO NOT MISS CLASS! BUT, IF YOU MISS CLASS, RECOGNIZE THAT IT IS YOUR RESPONSIBILITY TO FIND OUT WHAT YOU MISSED AND GO GET IT!**

STUDENT WITH DISABILITY: A student needing special classroom or testing accommodations must register with the Disability Resource Center (DRC in Reid Hall ground floor) who 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**. Study CN II *carefully* and keep pace with lecture material. Work Qs in CN II diligently. Do **NOT** simply copy answers to Qs & Ps you cannot solve. Instead get out-of-class help. We **WILL** gladly help any student who is sincerely trying.

OUT-OF-CLASS HELP: **FREE** out-of-class-help for all General Chemistry students will be provided on a regular basis in the Chemistry Learning Center (CLC) which is FLI 257-258. (Do *not* eat, drink, or socialize in the CLC.) Also, each General Chemistry Teaching Assistant (TA) including your Discussion TA will conduct his/her office periods in CLC. So, note your Discussion TA’s office periods, and, if you need out-of-class help but cannot contact your TA or lecture instructor, you may request help from any TA (especially a TA from your lecture section) who is on duty in the CLC. A help-schedule will be posted in the CLC and help should generally be available M through R: periods 2-8 and F: periods 2-7. **But do check the help-schedule.**

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

DR. JAMES C. HORVATH IN LEIGH 132.

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

HAVE A GREAT SEMESTER!