

CHM 2211, Organic Chemistry II, Spring 2013, Flint 50

Section 0770: M, W, F - 4th Period

Section 8421: T-7th and 8th Periods; R – 8th Period

Instructor: Dr. Jason D. Portmess (Dr. J)

Office: SIS 329

Email: Via E-Learning/Sakai Site (<https://lss.at.ufl.edu>)

Office Hours: See Schedule-Sakai

Course Description: This is the second of two basic courses that describe the chemistry of carbon compounds. Specific topics to be covered include the main functional group inter-conversions of carbonyl based functional groups (aldehyde, ketone, carboxylic acids and their derivatives), amines, new carbon-carbon bond forming reactions, and the electronics and structure reactivity of aromatic compounds. A solid understanding of the functional group recognition and transformation reactions of alkanes, alkyl halides, alkenes, alkynes, alcohols and ethers are expected. The importance of understanding and writing detailed mechanisms will be emphasized throughout the course.

Text: Brown, Foote, Iverson, Anslyn, *Organic Chemistry*, 6th Edition (highly recommended) and accompanying, *Solutions Manual, Organic Chemistry*, 6th Edition (recommended – **with caution...it can be addictive**).

Exams: Progress (assembly) Exams 1-4 will be given from 8:20-9:50PM on the dates below in room locations which will be announced in class.

Exam 1 – Thursday, January 30
Exam 2 – Thursday, February 27

Exam 3 – Thursday, April 3
Exam 4 – Wednesday, April 23

Considerations for scheduling conflicts (religious holidays, higher ranking assembly exams, and university sponsored events) will be made but must be presented to the instructor 5 days prior to the scheduled exam.

It is possible for you to earn up to 100 points each for Exams 1-4. All examinations will be cumulative as it is the nature of the course but the emphasis on each exam will be centered on unevaluated “new” material. **There are no-makeup exams but if a valid excuse is provided then Exam #4 can be used to help determine a “makeup” score for a single missed exam only.**

Grading: The final grade will be determined by the four exams given during the semester. There are no dropped exams but the lowest of the first three progress exams will be replaced by the average of Exams 1-3. This “average/replace” will help to minimize the impact of a single poor performance but it does not completely disappear as it still must represent your overall understanding of the course. Exam #4 is a separate, stand on its own exam as it represents the material of the entire semester.

I find in life it is best to exceed expectations rather than relying on the performance of others to dictate outcome. Therefore, in order to earn the grade that you expect, you must perform at a certain level. All exams carry equal weight giving you a final percentage based on 400 points. Earned points will be tabulated by computer and letter grades will be assigned based on the grading scale below. Plus/flat/minus grades will be assigned and determined by the instructor based on student performances. Go get it!

A/A- 89.50-100%	B+/B/B- 77.50-89.49%	C+/C 60.00-77.49%	C-/D 50.00-59.99%	E less than 50.00%
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Attendance: No one is here to hold your hand, but success in this course can be highly dependent upon your attendance of lecture (see course statistics on Sakai). The ability to ask questions and experience first-hand what is being taught is very important to the learning process and almost essential for understanding some of the detailed concepts presented in this course. It is the responsibility of the student to obtain any notes, in-class assignments that are due, etc. that may have been missed during lecture. Always remember, it is your choice whether you decide to attend class or not.

Doing Problems: “I must have studied 50 hours and not a single thing on the test is what I studied?” This is not a course where your performance is dictated by your ability to regurgitate facts or figures. In order to be successful in this class, you must be able to apply what you have learned to new situations. The best way to acquire this skill is to work *a lot* of problems. The more problems you attempt, the more you will learn. It’s that simple.

“So how many and what problems should I attempt from each chapter?” There are two basic philosophies in practicing anything to acquire great skill (physical or mental). Some people practice things until they get it right and some practice things until they can’t get it wrong. Which group do you think are the most successful and in which group do you want to be? Answer these questions and you will know how many and what problems to do but if any problem requires a calculator – FORGET ABOUT IT!

RULE OF THE CLASSROOM:

The use of electronic devices (i.e. phones, laptops, game systems, calculators, etc.) are prohibited during lectures/exams without consent of the instructor (note taking tablets are permitted). Please turn them off prior to the beginning of all lectures and exams. Failure to comply with this rule may result in your dismissal from the lecture room or receiving a zero during an examination.

FINAL NOTES:

If you did not know how to swim and you were thrown into the deep end of the pool you would scream for help. You wouldn't worry how people would think of you and the fact that you couldn't swim. If you feel like the waves of organic chemistry are beginning to crash around you, come and get help before it is too late. *Getting help is not a sign of weakness...it is a sign of strength.* The following represent my recommendations in order of preference:

Free Help:

1. **Dr. J's Office Hours (Sisler 340):** These are displayed on Sakai and will be presented in class. *I'm the source...Why go anywhere else? Spend 1 hour with me (make it like a discussion section) and I will save you 3 hours on your own. Now that is smart!*
2. **UGTAs (Flint 254):** I will have more than 10 undergraduate teaching assistants assigned to this class. These are all high-performing past students of mine who know the "ins-and-outs" of the course and me. *They have done it...They know!*
3. **Supplemental Instruction (TBA):** A free service provided by the Broward Teaching Center. This will be conducted by a former standout student and UGTA and he will be making an announcement in class once the schedule is determined. *He is so good he gets paid....but it is FREE for you!*
4. **Organic Chemistry Learning Center (OCLC – Flint 258):** Graduate teaching assistants will be basically available Monday through Friday, 9:00 AM – 4:00 PM. A specific schedule of who will be running the sessions will be posted on our Sakai site when they become available.

Off-Campus Paid Tutoring:

Kefacademy@BrewSpot Café: See our Sakai Site for details...*He has taught this material, at this level, at this university...The only one in town that can make that claim.*