Instructor: Javoris Hollingsworth, Ph.D.
E-mail: hollinjv@stthom.edu
Office phone #: 713-942-5045
Lecture meeting times & place: Monday, Wednesday & Friday 9:10 AM – 10:00 AM in Rob B114. Recitation Friday 1:10 – 2:00 p.m.
Office hours time & place: Tuesdays 9 AM – noon & 2 – 4 PM and Wednesdays & Fridays 11 AM – 1 PM or by appointment in ROB B109.
Text & On-line homework: Organic Chemistry, 5th Edition by Janice Gorzynski Smith is the textbook. We will use the e-book and on-line homework module, which can be obtained through my McGraw Hill Connect website for this course. This website can be found at: https://connect.mheducation.com/class/j-hollingsworth-section-a

Grading:

Lecture grade:
300 Exams
100 Final exam
50 Quizzes – the lowest quiz score will be dropped
50 On-line homework assignments
100 Homework – paper assignments
Total points: 600

Letter grades for the lecture will be assigned as follows:
A 600-528 total points or 100 – 88%
A- 527-510 total points or 87.9 – 85%
B+ 509-492 total points or 84.9 – 82%
B 493-468 total points or 81.9 – 78%
B- 467-450 total points or 77.9 – 75%
C+ 449-432 total points or 74.9 – 72%
C 431-408 total points or 71.9 – 68%
C- 407-390 total points or 67.9 – 65%
D 389-330 total points or 64.9 – 55%
F less than 330 total points or 55%

Homework: Homework will be assigned regularly; you should expect to have one “paper” and one on-line assignment per week. All of these assignments are designed to help each student master the concepts presented in the text and in lectures. All homework assignments will be posted on Blackboard and will be due at the indicated date and time. Each student should strive to work individually on these homework assignments (since all exams are done individually), but paper homework assignments maybe completed by a group of no more than three individuals working together. All individuals’ names must appear on the homework assignment at the time that it is turned in for grading in order for all group members to be given credit for the assignment.
Quizzes: Will be given either in class or as an on-line quiz. All quizzes will be announced in class and on Blackboard as an Announcement. Quizzes given in class will be administered at 9:10 am and you will have ~10 minutes to complete the quiz questions. There will be ~6 quizzes given at various times throughout the term, the lowest quiz score will be dropped prior to determining your final quiz average.

Exams: Four 100-point exams will be given during the semester; however, the lowest exam grade will be dropped. NO MAKE UP EXAMS WILL BE GIVEN. The exams will cover the lecture material we have discussed in class, as well as concepts you practiced in the various homework assignments. In this course, the final exam will be the ACS Exam (this is a cumulative exam) for the Organic Chemistry II course.

Late assignments: Are accepted but the maximum credit possible for any late work is one-half of the full credit that the assignment was initially worth. There will be no credit given for late on-line homework assignments.

Academic Dishonesty: Any cases of academic dishonesty will be reported according to the procedures outlined by the university in the faculty and student handbooks. I reserve the right to automatically give a failing grade in this course to any student who has been academically dishonest.

Accommodations for students with a Disability: Any student with a disability requiring accommodations in this course is encouraged to contact Counseling and Disability Services in Crooker Center. Their offices can be reached at (713) 525-6953 or 2169. Only students with the proper documentation will be provided with the necessary and appropriate accommodations.

NOTE: The instructor will post reminders, schedule changes and important notices on Blackboard; students are expected to check Blackboard on a regular basis. Additionally, emails may be sent out to the students through Blackboard to each student’s St. Thomas email account and it is expected that students will check their email routinely.

Course objectives: This course will build upon the knowledge gained in Organic Chemistry I, which is fundamental for the study of organic and biological molecules. New reactions based on the reactivity of functional groups will be covered. We will also continue to relate chemical reactivity and physical properties to structural features based on bonding. Additionally you will learn about the formation, chemical properties, and reactions of alcohols, ethers, epoxides, aromatic molecules, ketones, aldehydes, amines, carboxylic acids, and carboxylic acid derivatives.

IMPORTANT DATES & INFORMATION:
FINAL EXAM: Monday, May 10, 2017 at 8:30-11:00 AM.
The last day to drop this course is March 31, 2017.
## CHEM 3333A Course outline for Spring 2017

Please note: this schedule may change and all changes will be announced in class, posted on Blackboard and sent as an email message to your St. Thomas email account.

<table>
<thead>
<tr>
<th>Date</th>
<th>Topic</th>
<th>Text Section</th>
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| Jan. 20, 23, 25, 27, 30, Feb. 1, 3 | Chapter 9: Alcohols, Ethers, and Related Compounds  
          Chapter 12.12: Oxidation of Alcohols  | 9.1-9.4  
          9.5-9.8  
          9.9-9.12  
          9.13-9.18  
          12.12  |
| Feb. 6, 8, 10   | Chapter 16: Conjugation, Resonance, and Dienes                         | 16.1-16.4  
          16.5-16.8  
          16.9-16.12  
          16.13-16.15  |
| Feb. 13         | **EXAM 1: Chapter 9 and 16**                                           |                       |
| Feb. 15, 17, 20 | Chapter 16: Conjugation, Resonance, and Dienes                         | 16.1-16.4  
          16.5-16.8  
          16.9-6.12  
          16.13-16.15  |
| Feb. 22, 24, 27 Mar. 1 | Chapter 17: Benzene and Aromatic Compounds            | 17.1-17.4  
          17.5-17.8  
          17.9-17.11  |
| Mar. 3, 6, 8     | Chap. 18: Reactions of Aromatics                                       | 18.1-18.5  
          18.6-18.9  
          18.10-18.13  
          18.14-18.16  |
| Mar. 10         | **EXAM 2: Chapter 16-18**                                              |                       |
| Mar. 13-17      | **Spring Break Holiday 😊**                                            |                       |
| Mar. 20, 22, 24, 27, 29 | Chapter 20: Intro to Carbonyl Chemistry                    | 20.1-20.5  
          20.6-20.10  
          20.11-20.14  
          20.15-20.17  |
| March 31        | **EXAM 3: Chapter 18–20**                                              |                       |
| Apr. 3          | Special Activity                                                       |                       |
| Apr. 5, 7, 10, 12 | Chapter 21: Aldehydes and Ketones – Nucleophilic Addition | 21.1-21.4  
          21.5-21.8  
          22.9-21.15  |
| Apr. 13 – 14    | **Easter Holiday**                                                     |                       |
| Apr. 17, 19, 21, 24, 26 | Chapter 22: Carboxylic Acids and their Derivatives  | 22.1-22.4  
          22.5-22.10  
          22.11-22.15  |
| Apr. 28, May 1, 3, 5 | Chapter 23: Substitution Reactions of Carbonyl Compounds at the Alpha-Carbon | 23.1-23.4  
          23.5-23.8  |
| May 5           | **EXAM 4: Chapter 21–23**                                              |                       |
| May 10          | Final Exam 8:30-11:00 AM                                               |                       |