ORGANIC CHEMISTRY CHEM-3020
Fall 2014

Instructor | Dr. Chad C. Stessman | E-mail | cstessman@csustan.edu
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Phone | 664-6667, 667-3468 Chem. Office | Office Hours | MTWF 11-Noon
Office | N 364

Required Text:


Content:

- Chapters 10-14, 17-25 and others as time permits

Course Description:


Course Objectives: At the end of this course, students will be able to:

- gain factual knowledge of organic chemistry and apply course materials to improve critical thinking and problem solving.
- demonstrate understanding of organic molecules including structures, properties, reactions and bonding.
- draw and name organic compounds including stereochemistry.
- demonstrate understanding of single step reactions, multistep reactions and reaction mechanisms for different functional groups.
- use NMR, IR and MS spectra to deduce organic structures and vice versa.
Academic Dishonesty: There is zero tolerance for academic dishonesty. Any form of academic dishonesty will result in an F grade for the course, and will be reported to the Office of Student Discipline.

Grading:

- You will take 5 quizzes, do homework sets and take a comprehensive final exam.
- The quizzes will usually be in class and be worth up to 40 points each.
- The six homework sets will be worth up to 5 points each.
- The final will be comprehensive and worth up to 100 points.
- Your grade will consist of:

  Five Quizzes @ 40 points each: 200 pts
  homework: 30 pts
  Final Exam @ 100 pts: 100 pts

  Class Grand Total: 330 pts.

  Grades will be assigned A, B, C, D, F. According to the following percentage scale.
  A 80.0%>B 70.0%>C 55.0>D 45.0%>F
  Plus/minus (+/-) will be used.

Homework sets: Six homework sets will be posted on the Blackboard site. These will be due at the beginning of class and worth a maximum of 5 points each.

The homework due dates will be 9/5, 9/26, 10/24, 11/14, 12/5, 12/15.

Supplemental Instruction:

This semester we will be having supplemental instruction for this class. Supplemental instruction is a program originally developed at the University of Missouri Kansas City that has been shown to improve student learning in traditionally challenging courses. Supplemental instruction is academic assistance program that uses peer lead group study sessions. At least one supplemental instructor will be assigned to this course and will be setting us SI sessions during
the semester. Participation in SI is completely voluntary on your part and is free. All of the costs are being covered by the Provost’s office and the CSU system. SI has been shown to improve students who actively participate in the program grades by as much as one grade level. At one of our sister campuses they have shown that students who actively participate in SI receive a higher percentage of passing grades than students who do not.

**Final Exam and Quizzes:**

You will take five quizzes during the semester. Organic chemistry is comprehensive in nature, thus all of the quizzes will focus on material covered since the last quiz but may also include material covered previously in the class. The final exam will be comprehensive and cover material from both CHEM 3010 and 3020.

You will take a comprehensive final exam 12/15 from 11:15-1:15pm. This will be a 70 question, multiple choice, standardized ACS Organic exam that will cover all the material that has been covered in CHEM-3010 and CHEM 3020. No make-up’s for the final will be given.

**Quiz Schedule:**

1. **1st Quiz**  Friday, September 12th
2. **2nd Quiz**  Friday, October 3rd
3. **3rd Quiz**  Friday, October 31st
4. **4th Quiz**  Friday, November 21st
5. **5th Quiz**  Monday, December 8th

**Final Exam, Monday, December 15th, 11:15am-1:15 pm**
Important Dates: quizzes, exam dates and holidays.

<table>
<thead>
<tr>
<th>Class Day</th>
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<tbody>
<tr>
<td>September 1(^{st})</td>
<td>No class, Labor Day</td>
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<tr>
<td>September 5th</td>
<td>hw #1 due</td>
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<td>September 12(^{th})</td>
<td>Quiz #1</td>
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<tr>
<td>September 18th</td>
<td>Census Date, Last day to drop</td>
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<tr>
<td>September 26th</td>
<td>hw #2 due</td>
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<tr>
<td>October 3(^{rd})</td>
<td>Quiz #2</td>
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<tr>
<td>October 10(^{th})</td>
<td>No class, Columbus Day</td>
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<td>October 24(^{th})</td>
<td>Hw #3 due</td>
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<tr>
<td>October 31st</td>
<td>Quiz #3</td>
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<td>November 14(^{th})</td>
<td>hw #4 due</td>
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<td>November 21st</td>
<td>Quiz #4</td>
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<td>November 28th</td>
<td>No class, Thanksgiving break</td>
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<td>December 5(^{th})</td>
<td>hw#5 due</td>
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<td>December 8(^{th})</td>
<td>Quiz #5</td>
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<td>December 10(^{th})</td>
<td>No class, Reading Day</td>
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<tr>
<td>December 15th</td>
<td>Final Exam 11:15-1:15PM, hw #6 due</td>
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Please check the course web site regularly for last minute changes to scheduling, assignments, etc. This syllabus is not a contract and could be changed at any time.

Attendance in class is expected; you are responsible for all announcements, corrections and material discussed. I have posted a list of suggested problems from each chapter. These problems will not be collected or graded. The course instructor will be the ultimate judge as to when and if make-ups for missed materials are allowed and what constitutes a reasonable make up.

Check the class website regularly. I will be posting messages, lecture notes, sample exam questions on the site regularly.
If you have a documented disability and wish to discuss academic accommodations, or if you would need assistance in the event of an emergency evacuation, please contact the professor as soon as possible.