ORGANIC CHEMISTRY CHEM-3020
Spring 2016

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<tr>
<th>Instructor</th>
<th>Dr. Chad C. Stessman</th>
<th>E-mail</th>
<th><a href="mailto:cstessman@csustan.edu">cstessman@csustan.edu</a></th>
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</thead>
<tbody>
<tr>
<td>Phone</td>
<td>664-6667, 667-3468 Chem. Office</td>
<td>Office Hours</td>
<td>MTWF 11-Noon</td>
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<td>Office</td>
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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 4 midterm exams, do homework sets and take a comprehensive final exam.
- The midterm exams will usually be in class and be worth up to 100 points each.
- The five homework sets will be worth up to 5 points each.
- The final will be comprehensive and worth up to 200 points.
- Your grade will consist of:

  Four Mid-term exams @ 100 points each: 400 pts
  homework: 25 pts
  Final Exam @ 200 pts: 200 pts

  Class Grand Total: 625 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: Five 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.

Bonus Activities:

You will have the opportunity to gain up to 20 bonus points by doing online problems on the Blackboard class site. These activities will be spread throughout the semester and your percentage on the activities will be normalized to a maximum of 20 points at the end of the semester and then added to your grade. So for example if you score 50% on the bonus activities,
then you will get 10/20 points bonus. You must complete these activities when announced in class. A CSU system wide grant has been used to set up this online homework on blackboard and you may receive an email questionnaire from the CSU regarding this activity.

**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 an academic assistance program that uses peer led 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 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 four midterm exams during the semester. Organic chemistry is comprehensive in nature, thus all of the exams will focus on material covered since the last exam 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 Wed. May 25th from 8:30-10:30am. 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.

**Exam Schedule:**

1st Exam Monday, Feb. 22nd

2nd Exam Wednesday, March 23rd

3rd Exam Wednesday, April 20th
4th Exam       Monday, May 16th

Final Exam, Wednesday, May 25th 8:30-10:30am

Important Dates: quizzes, exam dates and holidays.

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<tr>
<th>Class Day</th>
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<tbody>
<tr>
<td>February 19th</td>
<td>hw #1 due</td>
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<tr>
<td>February 22nd</td>
<td>Exam #1</td>
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<td>February 24th</td>
<td>Census Date, Last day to drop</td>
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<td>March 21st</td>
<td>hw #2 due</td>
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<tr>
<td>March 23rd</td>
<td>Exam #2</td>
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<td>March 28th-April 1st</td>
<td>No class, Spring break</td>
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<td>April 18th</td>
<td>Hw #3 due</td>
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<td>April 20th</td>
<td>Exam #3</td>
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<td>May 11th</td>
<td>hw #4 due</td>
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<td>May 16th</td>
<td>Exam #4</td>
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<tr>
<td>May 25th</td>
<td>Final Exam 8:30-10:30AM, hw #5 due</td>
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Please check the course website 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.