Information and Policies

Instructor: Michael W. Giuliano  
Office: 320 School of Sciences and Mathematics Building (SSMB)  
Email: giulianomw@cofc.edu  
Office Phone: (843) 953-8099

Office hours: Mon., Wed., 12-1pm, Thurs., 11am-12pm. When my office door is open, I am ready and willing to take questions (or just chat about chemistry!). If my office door is closed and/or I am not in the office, I am likely working on research and other tasks and cannot meet at the moment. In that case, please come by at another time, or contact me by email to set up an appointment.

Meeting Time and Location: Chemistry 283, Section 02. CRN: 13901. Class meets Wednesdays from 2:00pm - 2:50pm in School of Science and Mathematics Building (SSMB), Room 138. See you there!

Important dates during the semester: Tuesday, August 27th, 2019 – last day to drop/add; Monday, October 14th, 2019 – no class due to Fall Break; Friday, October 25th, 2019 – last day to withdraw with a grade of W; Wednesday, November 27th and Friday November 29th, 2019 – no class due to Thanksgiving; Tuesday, December 3rd, 2019 – Reading Day.

Exam dates: In lieu of a sit-down exam, the final assignment in this course is a reaction guide that you will prepare from your notes and text throughout the semester.

Required text:


Optional texts:


Co-requisite: You must be concurrently registered in Chem 232, I highly recommend that you take the section of 283 corresponding to your lecture instructor.

Attendance: Required. Attendance is incorporated into your grade and you may miss no more than two sessions. Missing a third session will set your highest possible grade at 75% and your grade will drop a full letter for each absence thereafter. Excused absences outside of the two allowed (illness with appropriate notification via doctor’s note/health center notice, official representation of the College, e.g. conference) will require make-up assignments.

Students with Disabilities: Please consult the Student Guide to SNAP Services:

Academic Integrity: Many instances of academic dishonesty arise from students feeling overwhelmed in a course or by external pressures. College can be an overwhelming time, and if you are feeling this way about my class, please contact me! I would much rather work with a student at office hours and/or by appointment than see them compromise their academic values. The results are upsetting for all involved. As such, I will strictly enforce academic honesty and integrity in all facets of this course. The course is conducted under the Honor Code of the College of Charleston. You are responsible for reading, understanding, and strictly adhering to this policy, as am I. For more information, please see the College’s policy information at [http://studentaffairs.cofc.edu/honor-system/](http://studentaffairs.cofc.edu/honor-system/) and the Department of Chemistry and Biochemistry’s policy at [http://chemistry.cofc.edu/documents/Scientific_Integrity_2011.pdf](http://chemistry.cofc.edu/documents/Scientific_Integrity_2011.pdf).

Email and contact: As stated, my office hours are open-door times. I may need to email the class list should changes to the course be required or other circumstances arise. Email is considered an official communication method at the College of Charleston, and all students are expected to frequently if not daily check their official CofC email account to ensure that no announcements or messages regarding this course (or any other for that matter) are not missed. With regard to any extenuating circumstances, you must contact me in advance. After-the-fact notice for absences will not be accepted, excepting instances where the student has contacted the Dean’s office according to College policy.

Electronic devices in the classroom: Please be respectful and keep your phones turned off. So long as they are not a distraction to others in the class, using a laptop or tablet to assist you via electronic course materials during problem solving sessions is fine – this policy is subject to change should circumstances require it.

Grading and Evaluation

- **Attendance and Participation**: 25% of grade. You must attend sessions and sign in each day. No more than two sessions may be missed. Please refer to the attendance policy written above.

- **Worksheets**: 35% of grade. You must work with peers to complete each day’s worksheet and hand in your completed work at the end of the session. Participation in discussing the answers is expected.

- **Presenting a Problem**: 30% of grade. You must, twice during the course of the semester, present a problem from the text. The key here is not whether you got it right or wrong, but rather to 1) learn to communicate organic chemistry concepts with technical precision and 2) stimulate discussion of organic chemistry topics by leading the class through your specific problem-solving methods. A basic rubric for how this will be evaluated is shown below:

  **PRESENTATION GRADE: _____ / 50 points**

  I. Student followed directions of assignment
  Comments: ____________________________
  2 4 6 8 10

  II. Student’s writing was legible.
  Comments: ____________________________
  2 4 6 8 10

  III. Student used appropriate terminology.
  Comments: ____________________________
  2 4 6 8 10

  IV. Student responded to questions thoughtfully.
  Comments: ____________________________
  2 4 6 8 10

  V. All aspects of the assignment were thoroughly covered.
  Comments: ____________________________
  2 4 6 8 10

- **Final Problem Set**: 10% of grade. A problems set derived from the topics covered during the semester will be assigned at the last session and due by the end of the last day of classes.

Grading Scale: There will be no rounding of scores. A score of 92.99 remains an A-, an 89.99 remains a B+.

<table>
<thead>
<tr>
<th>Grade</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>A</td>
<td>93-100 %</td>
</tr>
<tr>
<td>A-</td>
<td>90-92 %</td>
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<tr>
<td>B+</td>
<td>87-89 %</td>
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<tr>
<td>B</td>
<td>83-86 %</td>
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<tr>
<td>B-</td>
<td>80-82 %</td>
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<tr>
<td>C+</td>
<td>77-79 %</td>
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<tr>
<td>C</td>
<td>73-76 %</td>
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<tr>
<td>C-</td>
<td>70-72 %</td>
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<tr>
<td>D+</td>
<td>67-69 %</td>
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<tr>
<td>D</td>
<td>63-66 %</td>
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<tr>
<td>D-</td>
<td>60-62 %</td>
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<tr>
<td>F</td>
<td>&lt; 60 %</td>
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Student Learning Outcomes:

- Students will be able to logically discuss and explain organic chemistry principles, mechanisms, and reactions.

Course Outline: (subject to change pending lecture course progress – this)

- 8/21/2019: Session 1: Cumulative Problem Solving
- 8/28/2019: Session 2: Spectroscopy
- 9/4/2019: Session 3: Spectroscopy with reactions
- 9/11/2019: Session 4: Use of organometallic reactions in synthesis
- 9/18/2019: Session 5: Organic oxidations/reductions
- 10/2/2019: Session 7: Acetals as protecting groups in synthesis
- 10/9/2019: Session 8: Reactions of aldehydes and carboxylic acids
- 10/16/2019: Session 9: Retrosynthesis Review at mid-semester
- 10/23/2019: Session 10: Interconversion of carboxylic acid derivatives
- 10/30/2019: Session 11: Enolates
- 11/6/2019: Session 12: Retrosynthesis using reactions of enolates
- 11/20/2019: Session 14: Retrosynthesis Review at Semester’s end