**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

**Student hours:** Monday and Wednesday from 10:00am-11:00am, Tuesday from 11:00am to 12:00pm. Student hours take place at my office and please know – they are for you! Please take advantage of them. Bring problems you’ve been working on, ask questions about lectures and in-class exercises, and we’ll go over it all.

**Meeting Time and Location:** Chemistry 231S, Section 01. CRN: 21784. Class meets Fridays from 2:00pm - 2:50pm in School of Science and Mathematics Building (SSMB), Room 127. See you there!

**Important dates during the semester:** Friday, January 13th, 2023 – last day to drop/add; Monday, January 16th, 2023 – no class due to Martin Luther King Jr. holiday; Saturday, January 28th, Sunday, January 29th, Saturday February 11th, 2023 – storm makeup days; Monday, March 6th through Friday, March 10th, 2023 – no class due to Spring Break; Friday, March 24th, 2023 – last day for students to Withdraw with a grade of “W”; Wednesday, April 26th, 2023 – last day of classes; Thursday, April 27th, 2023 – 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 231 or HONS 192.

**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 https://disabilityservices.cofc.edu/

**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://deanofstudents.cofc.edu/policies-and-procedures/honor-code-and-code-of-conduct.php and the Department of Chemistry and BIOCHEMISTRY’S policy at http://chemistry.cofc.edu/about/policies/index.php. To be more specific, it is my expectation that you will only submit your own work, and that, excepting where specified explicitly, you will have been the only person to have done that work. This means the use of websites that provide for-pay
answers such as Chegg, CourseHero, and including anything remotely similar to them is expressly prohibited. The use of such services constitutes an Honor Code violation and will be strictly dealt with as such. You are not to obtain old exams from peers, or consult others during exams or the completion of graded material (excepting where explicitly specified). Should it become clear that cheating is occurring in any aspect of the course, I reserve the right to make substantial changes to the format of any component of the course, graded or otherwise, to prevent such actions from further occurring.

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.

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. Show your work to your instructor as you leave. 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 Reaction Guide: 10 % of grade. A Cumulative final assignment will be turned in at the end of the semester and assigned early on. It entails deriving a topical and reaction guide to second-semester organic chemistry from your notes, referencing to your text, and will be assigned/discussed at a later date.

Grading Scheme:

<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>
</tr>
<tr>
<td>D-</td>
<td>60-62 %</td>
</tr>
<tr>
<td>F</td>
<td>&lt; 60 %</td>
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</tbody>
</table>
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 and student needs)

Session 1: Bonding in organic molecules

Session 2: Representations

Session 3: Curved arrows in resonance structures and acid/base reactions

Session 4: Acid/base review, and conformational analysis

Session 5: Stereochemistry – configuration, representations, and relationships

Session 6: Stereochemistry continued, and introduction to organic mechanisms

Session 7: Substitution reactions with some elimination chemistry

Session 8: Substitutions and eliminations

Spring Break

Session 9: Addition reactions

Session 10: Alkynes

Session 11: Radicals

Session 12: Synthesis

Session 13: Alcohols and synthesis

Session 14: open review of first-semester topics

Session 15: open review of first-semester topics