Chemistry 283-05: Organic Chemistry Practicum (August 20th, 2019)
Tuesday, 4-4:50 pm, Maybank 322

Instructor: Rick Heldrich, Ph.D. Office: SSMB 108 Research Lab: SSMB 123 & SSMB 343
Office Hours: MWF 11:00 am – 12:30 pm; T 10:15 – noon;
or by email: (heldrichr@cofc.edu)

Content: This course is designed to help you orally engage in organic chemistry with your peers to gain a deeper understanding and appreciation for organic chemistry. This class is meant to be an environment where you are expected to make mistakes (no one is perfect) and talk through and hopefully correct any misunderstanding you or your peers may have. Your willingness and ability to communicate with each other and with the instructor about organic chemistry are essential to your success in this course.

Co-requisite: CHEM 231 and CHEM 231L

Texts: There are no required texts for this course beyond your text for CHEM 231. You should bring your 231 text and class notes to this class to facilitate discussion.

Final Exam: The final exam will be a take home, open book, open notes assignment. You may begin to work on the final exam assignment as soon as it is posted on OAKS. The final exam assignment is due before the start of the examination period.

Attendance: Due to the participatory nature of this course attendance is required. You are allowed TWO absences, but for each absence you will be awarded a grade of “0” for all worked missed.

Student Learning Outcomes: Students will be able to logically discuss and explain organic chemistry principles, mechanisms and reactions.

Class Format: The format of the class is subject to change, but it will hopefully always involve everyone’s active participation. At the beginning of each class students will be sorted into teams of two or three. Each team will work together to formulate responses to discussion questions; to critique postulates, and to evaluate responses of other teams.

OAKS: Course material and grades will be posted on OAKS. For all but the first meeting, each student must use the discussion tool in OAKS to complete the required postings before 5 pm the Monday preceding each class. It is highly recommended that you post your individual concern before 5 pm on Friday so you have the weekend to post replies to concerns posted by your peers.

Grades

<table>
<thead>
<tr>
<th>In Class Participation:</th>
<th>65%</th>
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<tbody>
<tr>
<td>Pre Class Participation:</td>
<td>25%</td>
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<tr>
<td>Final Examination:</td>
<td>10%</td>
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Grading Scale

100-93 (A); 92-90 (A'); 89-87 (B'); 86-83 (B); 82-80 (B-); 79-77 (C'); 76-73 (C);
72-70 (C-); 69-67 (D'); 66-63 (D); 62-60 (D-); 59-0 (F)

Grading in this course is highly subjective, based in part on the instructor’s assessment of each student’s willingness to effectively communicate and to logically challenge the understanding of introductory organic chemistry by (1) themselves, (2) their peers, and (3) the instructor. Participation grades will be posted on OAKS weekly. Any disagreement with a posted grade must be addressed with the instructor in person (not by email or phone) within 2 weekdays of the posting.

Accommodations Policy

Given the nature of the course, no special accommodations for time are expected to be needed for this course. If you qualify for and perceive a need for an accommodation, please contact both me and the SNAP office (http://disabilityservices.cofc.edu).

Honor Code Policy

The standards of the College of Charleston Student Honor Code and Code of Conduct apply to this course. The Departmental Policy on Scientific Integrity, which each student is required to sign in the CHEM 231L course, also applies to this course. For Honor Code and Student Handbook: http://studentaffairs.cofc.edu/honor-system/ For the Departmental Policy on Scientific Integrity: http://www.cofc.edu/~chem (see link under current students, resources page of departmental website)

Pre Class Participation

Based on your postings using Discussion tool on OAKS, under Communication. You must post a specific concern or question you have about material from CHEM 231 that was covered in both your lecture and text; and then comment on at least two concerns posted by others. I strongly suggested that you post your concern by 5 pm on the Friday before the due date for these assignment. If you and your classmates wait until the last minute to post your concern you will not have the opportunity to make responses to the concerns of others. You must post a concern before you are allowed to see postings and respond to postings made by others. The grades for this Pre Class will be 0 (if you do not post a valid concern), 50 if you post a valid concern, 75 if you post a valid concern and make one reasonable comment to another posting, or 100 if you post a valid concern and make reasonable comments to two or more other postings.

In Class Participation

In Class Participation grades will be determined by your presence and my subjective evaluation of your participation. Grades will be 0 (did not attend), 60 (attended with no meaningful participation), or 100 (attended and actively participated in discussions).