COURSE TITLE  Organic Chemistry I

DATES, TIMES, AND LOCATION OF COURSE MEETING
MTWRF 8:00-9:45 am, ONLINE Synchronous and Recorded (Section 1, 30893)

NAME OF INSTRUCTOR
Dr. Timothy Barker
Email: barkertj@cofc.edu (I will reply within 24 hours of your email.)

OFFICE HOURS
Wednesday 1-2 PM, Thursday 7:30-8:30 PM and Friday 10-11 AM
Office hours will be held on Zoom using the same meeting ID as we do for our live class.

TEXTS  (required)
There is no difference between the textbook in the bookstore and one purchased online although the bookstore sells a package of the textbook, online Connect access and solutions manual that is the most cost effective

Optional:

ACS Organic Chemistry Study Guide
http://shopping.nl.c.3773936/sc.11/category.191/f

COURSE OUTLINE
Chapter 1:  Structure Determines Properties
Chapter 2:  Alkanes and Cycloalkanes: Introduction to Hydrocarbons
Chapter 3:  Alkanes and Cycloalkanes: Conformations and cis-trans Stereoisomers
Chapter 4:  Chirality
Chapter 6:  Nucleophilic Substitution
Chapter 7:  Structure and Preparation of Alkenes: Elimination Reactions
Chapter 5:  Alcohols and Alkyl Halides: Introduction to Reaction Mechanisms
Chapter 8:  Addition Reactions of Alkenes
Chapter 9:  Alkynes
Chapter 10:  Introduction to Free Radicals
Chapter 11: Conjugation in Alkadienes and Allylic Systems
Chapter 13: Electrophilic and Nucleophilic Aromatic Substitution
Chapter 12: Arenes and Aromaticity
STUDENT LEARNING OUTCOMES
By the end of this course, students will be able to:

• Demonstrate basic communication skills within organic chemistry for example structure, nomenclature, mechanisms, reaction schemes
• Define and use fundamental concepts associated with physical organic chemistry
• Use foundational skills of organic reactions to predict organic reaction outcomes

Course description: An introductory organic course typically taken as a requirement for a major or pre-professional school prerequisite. Please note that, while this class is offered online, you should expect to invest a similar amount of time as with a traditional course. Online does not equal easy! You will need to be self-motivated to succeed in this class.

Co-Pre-requisite Policy:
CHEM 112 and 112L are pre-requisites of this course. CHEM 231L is a co- or prerequisite of this course. If you choose to withdraw from either CHEM 231 or 231L, you must withdraw from both courses.

Required Materials:
• A computer with reliable internet access and speakers
• A way to take a photo of your work and quickly upload it to an OAKS discussion or dropbox. I recommend Adobe Scan or a similar program. Please familiarize yourself with this app or a similar app before our first exam: https://www.youtube.com/watch?v=HE3IRDblu8U&feature=emb_logo

Exam Schedule:
Exam 1 Monday June 8th
Exam 2 Monday June 15th
Exam 3 Monday June 22nd
Exam 4 Monday June 29th
The first 30 min of class time each exam day will be used to introduce new material that will be on the next exam. I will grade your exams and upload feedback to the dropbox by Wednesday of that week. Exams are all open book/open notes and will be administered using an OAKS dropbox on the day scheduled. You may not collaborate or consult with anyone or get any help from online resources (Chegg, Course hero, etc). Soliciting unauthorized help will constitute an act of academic dishonesty. I reserve the right to verify exam scores earned by oral examinations conducted on Zoom as needed.
If you are going to be unable to take an exam, notify me ahead of time by email.

Final Exam:
The final exam is cumulative, open book/open note 70 question multiple choice exam and will be held on July 1st from 8-9:50 AM in an OAKS quiz.

Connect Homework:
Homework assignments will be administered through the Connect website using the link below. There will be 5-7 problems due every day of class. Please be sure to allow enough time for the assignments. Since they are computer based, the due date and time are not flexible. Even
if you complete an assignment after the due date, the score at the actual due date will be the one recorded in my gradebook. Please email me immediately and contact customer service if you notice any issues with the Connect website.

https://connect.mheducation.com/class/t-barker-chem-231-summer-2020

Reading the course textbook is encouraged to supplement material discussed in class.

**GRADING** Final course grades will be assigned based on the following distribution:
- Midterms (4) – 17% each
- Final Exam – 17%
- Connect Homework – 15%

If your final exam score is higher than the average score of your four exams, I will replace your lowest exam score with your final exam score. In order to take advantage of this policy, you must take all four exams.

**Grading Scale:**
- A  92-100
- A- 89-91.99
- B+ 87-88.99
- B  81-86.99
- B- 79-80.99
- C+ 77-78.99
- C  71-76.99
- C- 68-70.99
- D  63-67.99
- F below 63

**POLICY ON:**
**Content Delivery:** I will use Zoom to deliver live, synchronous lectures during our regularly scheduled class times to allow for you to ask questions about the material as it is presented. These lectures will also be recorded and posted to Kaltura for you to view at a later time as well. Virtual Office Hours will also occur on Zoom using the same meeting ID as for class time. If you have trouble accessing the Zoom meeting, please contact me via email. The meeting ID used for all interactions will be posted as an announcement on our OAKS homepage. Zoom is free to use and can readily be access using the link provided on the OAKS homepage.

**Attendance:** Students will work occasionally work in small groups during portions of the lecture to provide students an opportunity to work together solving problems and discussing the class material. Material will be covered in class that may not be present in the textbook so attendance is encouraged and mandatory.

**OAKS:** This class will be run on the OAKS learning platform, which can be accessed through MyCharleston. All assignments, lectures, and deadlines will be on OAKS. You are expected to log into OAKS at least three times each week to actively participate in the class. **If you are not active on OAKS for seven consecutive days during the course, you will receive a failing grade of F.** It is your responsibility to be aware of all materials and deadlines on OAKS. **It is important that you check your cofc email daily.** Please be aware that I do have the ability to check your activity and progress on OAKS.

The OAKS platform will allow all students to interact with each other through discussion boards and with me throughout the week.

**Discussion Boards:** There is a lot of material to master in an organic chemistry class. During the summer session, you will need to learn the material quickly. Often discussing the material with your peers can be helpful in cementing your understanding of these concepts. I will create
Discussion boards on OAKS for each unit and will moderate them, but I encourage you to take advantage of this platform to connect with your peers. Often if you have a question about a topic you are not alone, so it is helpful to have a discussion about a specific concept as a community using a discussion board.

**Late Work:** Deadlines are strictly enforced! There is no credit for late work. Please don’t wait until the last minute to complete an assignment. **Computer trouble and internet issues are not accepted as excuses for late work.** It would be prudent for you to have a back-up plan in case of issues (mobile hotspot, library, etc.). You also may find it helpful to turn on notifications in OAKS. To do so, click on your user account at the top right of the screen, then “Notifications”. You can then select the sorts of automated reminders you would like to receive. Please contact me if you have an official College-related absence or documented extreme extenuating circumstances (ie death of a family member, hospitalization, etc.)

**Etiquette in a live Zoom Class:** Unless we are working in small groups, it is best practice to keep your computer on mute during class. You may ask questions using the Chat feature or briefly unmute yourself to ask a question. Please be courteous of your fellow classmates and follow these guidelines so as not to distract other students and degrade the classroom experience for everyone.

**SNAP:** This College abides by section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act. If you have a documented disability that may have some impact on your work in this class and for which you may require accommodations, please see an administrator at the Center of Disability Services/SNAP, 843.953.1431 or me so that such accommodation may be arranged. See also the Student Guide to SNAP Services for more information: [http://disabilityservices.cofc.edu/documents/student-guide.pdf](http://disabilityservices.cofc.edu/documents/student-guide.pdf)

The Center for Disability Services should provide you with a Professor Notification Letter that should be emailed to me, preferably during the first week.

**Academic Dishonesty and Plagiarism:**
“Lying, cheating, attempted cheating, and plagiarism are violations of our Honor Code that, when suspected, are investigated. Each incident will be examined to determine the degree of deception involved.

Incidents where the instructor determines the student’s actions are related more to misunderstanding and confusion will be handled by the instructor. The instructor designs an intervention or assigns a grade reduction to help prevent the student from repeating the error. The response is recorded on a form and signed both by the instructor and the student. It is forwarded to the Office of the Dean of Students and placed in the student’s file.

Cases of suspected academic dishonesty will be reported directly by the instructor and/or others having knowledge of the incident to the Dean of Students. A student found responsible by the Honor Board for academic dishonesty will receive a XXF in the course, indicating failure of the course due to academic dishonesty. This status indicator will appear on the student’s transcript for two years after which the student may petition for the XX to be expunged. The F is permanent.

Students can find the complete Honor Code and all related processes in the Student Handbook at: [http://studentaffairs.cofc.edu/honor-system/studenthandbook/index.php](http://studentaffairs.cofc.edu/honor-system/studenthandbook/index.php).”