

## **INSTRUCTOR**

David Dawson

### **Contact Information:**

#### **PHONE**

848-6079

#### **ELECTRONIC MAIL**

ddawson@cbu.edu

#### **Section**

A or B

#### **Time**

9:30 – 10:45 or 11:00 – 12:15

**Office Hours:** Zoom, Facetime, or video call

**Text:** Carey's Organic Chemistry 11<sup>th</sup> edition will be used for the order of the subjects covered.

**Helpful Ancillaries:** The Study Guide and Solutions Manual for Carey's 10<sup>th</sup> or 11<sup>th</sup> edition of Organic chemistry.

### **Catalogue Description: CHEM 211. ORGANIC CHEMISTRY I**

This course uses both a mechanistic and functional-group approach to introduce organic concepts. Topics include bonding, functional groups, stereochemistry, acid and bases, and conformations. Mechanisms covered include electrophilic addition, SN<sub>2</sub>, SN<sub>1</sub>, E<sub>1</sub>, E<sub>2</sub> and radical reactions. This course deals with compounds from the aliphatic series. Prerequisites: CHEM 114, 114L. Prerequisite or corequisite: CHEM 211L. Offered in the Fall semester. One semester; three credits.

### **Class Web Site:**

<http://facstaff.cbu.edu/~ddawson/211>

Corequisite: Chem 211 L

**Objective:** The objective of this course is to expand on the principles from Chemistry 114. This course should give you a foundation for Organic that can be used next semester and that will allow you to remember Organic chemistry long after the course is over. The course will be a combination of functional group transformations and reaction mechanisms. This course is not designed as a "weed-out" course and it is hoped that everyone is successful in mastering the material.

**Masks:** Masks are required in class and must cover your mouth and nose. Removal of your mask during class will result in you being dismissed from class.

**Leaving class:** If you leave the classroom during class time, you will not be allowed to rejoin the class.

**Attendance:** Your section of class will be divided into two different groups, group 1 or group 2. You will be assigned to either group and must remain with your group. It might be possible to switch groups if you can get a student from the other group to switch with you.

Group 1 will have 10 class meetings that are not an exam while group 2 will have 9 class meetings that are not an exam.

**Grading:** There will be four exams, quizzes, assignments and a final. The exams will be a mixture of multiple choice and short answer and drawing. The final exam will likely be multiple choice and might be the ACS final. Quizzes/assignments will be given over the semester.

**Your lowest exam of the semester will be dropped.**

Grading Scale: 100 -89.5 A

89.44 A – 79.5 B

79.44 –C – 69.5 C

69.44 D – 59.5 D

**The grading scale might be lowered (e.g. 87 might be an A) but do not count on it.**

Points Breakdown

|             |            |
|-------------|------------|
| Assignments | 100 points |
| Quizzes     | 100 points |
| Exams       | 300 points |
| Final Exam  | 150 points |
| Total       | 650        |

Assignments are worth 5 points each and there will be 20 assignments.

Quizzes will likely be take home and will have different point values. If the quizzes add up to more than 100 points, all of your points will be counted.

Notes/VideosAssignments: The notes, videos, and assignments can be found at the address below. Directions on how to get the notes are below. Everything at this address is in PDF or word format.

URL: [facstaff.cbu.edu/ddawson/211/stuff](http://facstaff.cbu.edu/ddawson/211/stuff)

Username:

Password:

Schedule  
Fall 2020

| <u>Period</u> | <u>Date</u> | <u>Section</u>  |
|---------------|-------------|-----------------|
| 1             | 8/18        | A1, B1          |
| 2             | 8/20        | A2, B2          |
| 3             | 8/25        | A1, B1          |
| 4             | 8/27        | A2, B2          |
| 5             | 9/1         | A1, B1          |
| 6             | 9/3         | Test # 1 A1, B1 |
| 7             | 9/8         | Test # 1 A2, B2 |
| 8             | 9/10        | A2, B2          |
| 9             | 9/15        | A1, B1          |
| 10            | 9/17        | A2, B2          |
| 11            | 9/22        | A1, B1          |
| 12            | 9/24        | A2, B2          |
| 13            | 9/29        | Test # 2 A2, B2 |
| 14            | 10/1        | Test # 2 A1, B1 |
| 15            | 10/6        | A1, B1          |
| 16            | 10/8        | A2, B2          |
| 17            | 10/13       | A1, B1          |
| 18            | 10/15       | A2, B2          |
| 19            | 10/20       | A1, B1          |
| 20            | 10/22       | Test # 3 A1, B1 |
| 21            | 10/27       | Test # 3 B2, A2 |
| 22            | 10/29       | A2, B2          |
| 23            | 11/3        | A1, B1          |
| 24            | 11/5        | A2, B2          |
| 25            | 11/10       | A1, B1          |
| 26            | 11/12       | Test # 4 A2, B2 |
| 27            | 11/17       | Test # 4 A1, B1 |