

## CHEMISTRY 333, SPRING 2020

### ORGANIC CHEMISTRY I

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| <b>Instructor</b>          | Jeff Charonnat<br>Office: Magnolia 4301<br>Office Hours: TTh 3:00 pm – 4:00 pm, W 11:00 am – 12:00 pm<br>Phone: (818) 677-2109<br>E-mail: jeff.charonnat@csun.edu                                |
| <b>Lecture</b>             | MW 2:00 pm – 3:15 pm<br>Eucalyptus 2228  |
| <b>Discussion</b>          | M 3:30 pm – 4:20 pm or W 3:30 pm – 4:20 pm<br>Eucalyptus 2228  |
| <b>Text &amp; Supplies</b> | Wade, <i>Organic Chemistry</i> , 9th edition<br>Simek and Wade, <i>Solutions Manual for Organic Chemistry</i> , 9th edition<br>A set of molecular models (e.g., <i>Molecular Visions</i> models) |
| <b>Course Web Site</b>     | <a href="http://www.csun.edu/~hcchm007/chem333.html">http://www.csun.edu/~hcchm007/chem333.html</a>  |

#### Requisite Courses

Required prerequisites are Chemistry 102 and Chemistry 102L or their equivalents, with a minimum grade of C- in Chemistry 102.

Current enrollment or a previous passing grade in Chemistry 333L is a required corequisite.

#### Course Content and Objectives

This course examines the structure and properties of organic molecules, with a special emphasis on functional groups and their reactions. Attention is given to the mechanisms of organic reactions and the spectroscopic techniques used to determine the structure of organic molecules.

#### Student Learning Outcomes

Students will demonstrate basic knowledge in the area of organic chemistry.

#### Discussion

The Chemistry 333 discussion utilizes problem sets, structured group work, in-class dialogue, and quizzes to develop essential analytical and problem-solving skills.

Students are expected to download and complete problem sets individually, then meet in their small groups outside of class to discuss and write a composite set to be submitted as a group. Unless instructed otherwise, all individual and composite problem sets are due by 4:00 pm on the Tuesday before the problem set is covered in class. Graded composite problem sets will be returned at the start of each discussion class period. The remainder of each session will be devoted to discussing the solutions to these problem sets in detail. In order to facilitate these discussions, it is expected that students will complete the assigned readings in the textbook on schedule.

## Quiz and Examination Schedule

Three quizzes are scheduled for February 17, March 23, and April 27 for the Monday discussion section. The corresponding quizzes for the Wednesday section will be on February 12, March 11, and April 22. Each quiz is worth 20 points.

There are three exams in this course, on February 26, April 1, and May 6. Each of these examinations is worth 120 points. If extenuating circumstances prevent administration of the third exam, this examination will be rescheduled to 3:00–5:00 pm on Monday, May 11, in Eucalyptus 2228.

## Quiz and Examination Policies

Molecular models are allowed for the quizzes and examinations. All electronic devices, including calculators and cell phones, are unnecessary and are not allowed. All cell phones must be turned off and stored during quizzes and examinations.

No make-up quizzes nor exams will be given. Excused absences, substantiated by an appropriate, written confirmation received within two weeks, will result in no penalty. Unexcused absences will result in a zero. The third examination must be taken to receive a letter grade for the course.

## Grading

The discussion problem sets are worth a total of 30 points. Attendance and verbally active participation in the discussion section is worth an additional 30 points. The three quizzes will count for a total of 60 points. (Point total for the discussion component of the course: 120 points.)

The overall letter grade for the course will be based on the three examinations and the 120-point total from the discussion section. (Point total for the course:  $360 + 120 = 480$  points.)

The following, approximate percentage values will be used for the assignment of overall course grades: 80% and above: A; 70–79%: B; 60–69%: C; 50–59%: D; below 50%: F. The +/- grading system will be used for this assignment.

## Additional Course Policies

No electronic recording (audio, photographic, nor video) of the class sessions is allowed. Unless instructed otherwise, all cell phones should be turned off and stored during class.

## Academic Honesty

By enrolling in this class, you agree to abide by all California State University, Northridge policies of academic honesty and integrity. Students violating these standards will receive a zero for the work in question and will have their case referred to the Student Affairs Office for appropriate disciplinary action. See the following pages of the 2019–2020 California State University, Northridge catalog for details of the University policies:

<http://www.csun.edu/catalog/policies/academic-dishonesty/>

<http://www.csun.edu/catalog/policies/faculty-policy-on-academic-dishonesty/>

<http://www.csun.edu/catalog/policies/penalties-for-academic-dishonesty/>