CHEMISTRY 109C  
Fall 2015

Instructor: Armen Zakarian

Text: "Organic Chemistry", seventh (sixth) edition by P. Y. Bruice  

Meeting Info: MWF 8:00-8:50 am, BRDA 1610

Website: http://web.chem.ucsb.edu/~zakariangroup/courses.html

Homework: Homework assignments are listed in the syllabus and/or will be distributed in class. They are not to be turned in. The answers to all problems are in the Solutions Manual. There are practice tests at the end of each chapter in the Solutions Manual that might be helpful. The answers are in the back of the Solutions Manual.

BRING A PICTURE ID TO ALL MIDTERMS AND EXAMS

Midterms: Wednesday, October 14  
Monday, November 2  
Monday, November 16

Final Exam: Friday, December 11, 8:00 – 11 am, room BRDA 1610 (same room)

One midterm with the lowest score will be dropped. If there is any reason that you are unable to take a midterm, that one will be your "drop." In cases where your attendance is required at a University-sponsored event (e.g., field trips, intercollegiate athletic events, etc.), your required absence on the day of the scheduled midterm must be verified by a letter from your professor or coach that include their contact information.

THERE WILL BE NO MAKEUP MIDTERMS OR FINALS

Grading:

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<tr>
<th>Grade</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>A</td>
<td>85-100%</td>
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<tr>
<td>B</td>
<td>75-84.9%</td>
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<td>C</td>
<td>60-74.9%</td>
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<td>D</td>
<td>45-59.9%</td>
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Total max. 500

Office Hours: Monday, Wednesday, 9-9:45 am
Office: Chemistry, Room 2217
E-mail: zakarian@chem.ucsb.edu (Subject: 109C should be used if response expected)
Phone: 893-3317
1. Homework Problems are not graded but a required for success. They are strongly recommended, some will appear in graded tests.
2. Compete answers to all the problems are in the Solutions Manual.
3. Each chapter contains at least one box labeled “Problem-Solving Strategy”; the problem that follows it allows you to try the strategy. Pay close attention to these.

Chapter 21  Carbohydrates
Sections 21.1 - 21.19
Problems 1 - 30
End of chapter problems 31-38, 40, 48, 49

Chapter 22  Amino Acids, Peptides, Proteins
Sections 22.1 - 22.17
Problems 1-46
End of chapter problems 47-56, 58-63

Chapter 23  Catalysis
Sections 23.1 - 23.9
Problems 1 - 28
End of chapter problems 29-36, 38-46

Chapter 24  Coenzymes, Vitamins
Sections 24.1 - 24.8
Problems 1 - 22
End of chapter problems 23-38

Chapter 25  Metabolism /Terpenes
Sections 25.1 - 25.16
Problems 1 - 27
End of chapter problems 38-65

Chapter 26  Nucleic Acids
Sections 26.1 - 26.13
Problems 1 - 19
End of chapter problems 20 - 40

Optional reading for general education/entertainment: Chapter 27, 28