

**Course Outline**

**Textbook:** "General, Organic, and Biochemistry: Connecting Chemistry to Your Life" by Ira Blei and George Odian.

**Students are urged to read the lecture material prior to the lecture.**

DATE	TOPIC	READING
Jan 26 (Thurs) (10:10-11)	<b>Saturated Hydrocarbons</b>	Chapter 11
Jan 31 (Tue)(10:10-12:05)	Continued- Ungraded Quiz and recitation	
<b>Feb 2 (Thurs)</b>	Graded Quiz (I)	
<b>Feb 7 (Tue)</b>	<b>Unsaturated Hydrocarbons</b> and recitation	Chapter 12
<b>Feb 9 (Thurs)</b>	Graded Quiz (II)	
<b>Feb 14 (Tue)</b>	<b>Alcohols, Phenols, Ethers, Sulfur Analogs;</b> recitation	Chapter 13
<b>Feb 21 (Mon sched)</b>		
<b>Feb 23 (Thur)</b>	Graded Quiz (III)	
<b>Feb 28 (Tue)</b>	<b>First Exam- Chapt. 11-13</b>	
<b>Mar 2 (Thur)</b>	<b>Aldehydes and Ketones</b>	Chapter 14
<b>Mar 7 (Tue)</b>	Continued Ch 14- Graded Quiz (IV)	
<b>Mar 9 (Thur)</b>	<b>Acids, Esters, Other Acid Derivatives</b>	Chapter 15
<b>Mar 14 (Tue)</b>	Continued- Graded Quiz (V)	
<b>Mar 16 (Thur)</b>	<b>Amines, Amides</b>	Chapter 16
<b>Mar 21 (Tue)</b>	continued- Graded Quiz (VI)	
<b>Mar 23 (Thur)</b>	<b>Stereoisomerism</b>	Chapter 17
<b>Mar 28 (Tue)</b>	Continued and recitation	
<b>Mar 30 (Thur)</b>	Graded Quiz (VII)	
<b>April 4 (Tue)</b>	<b>Mid term- Chapters 14-17</b>	10 AM– 12 PM
<b>April 18 (Tue)</b>	<b>Carbohydrates</b>	Chapter 18
<b>April 20 (Thurs)</b>	Continued Ch 18 and Graded Quiz (VIII)	
<b>April 25 (Tue)</b>	<b>Lipids</b> and recitation	Chapter 19
<b>April 27 (Thur)</b>	Graded Quiz (IX)	
<b>May 2 (Tue)</b>	<b>Proteins</b>	Chapter 20
<b>May 4 (Thur)</b>	Graded Quiz (X)	
<b>May 9 (Tue)</b>	<b>Nucleic Acids (DNA, RNA)</b>	Chapter 21
<b>May 11 (Thur)</b>	Continued Chapt. 21 and Graded Quiz (XI)	
<b>May 16 (Tue)</b>	<b>Review</b>	
<b>May 18 (Thurs)</b>	<b>Final Exam</b>	<b>Chapter 18-21</b>

Class participation is highly encouraged. Please beware that your attendance will be graded (1.8 points per class out of 50 for attendance). Each chapter will be covered on the first day. Up to the First Exam, the students will have an ungraded quiz on the second day. Based on the performance of each student, we will have a recitation and then later, a graded quiz on the following day. It would be extremely helpful for the students if they also solve the problems at the end of each chapter. No student will be allowed to leave the room during any examination.

**Grading scheme: Exam I 100, Midterm 100, Final Exam 100, Quiz 50 (Eight best out of 11), Attendance 50 (1.8 points per class).**

**You must go over the slides for each chapter before coming to class. Reading ahead is a must.**