Date	Lecture Topic	Text Sections
Jan 18	Electrophilic Aromatic Substitution	18.1 - 18.4
Jan 20	Friedel Crafts Alkylation / Acylation – Electron Donating & Withdrawing Groups	18.5 - 18.8
	*No Recitation or Quiz this week*	
Jan 23	Directing Groups	18.10 - 18.12
Jan 25	Nucleophilic Aromatic Substitution	18.13
Jan 27	Alcohols: Naming, Preparation and Reactivity	12.1, 12.3, 12.9 & 13.5
	Recitation and Quiz #1	
Jan 30	Oxidation State & Oxidation of Alcohols	12.10
Feb 1	Oxidation Reagents & Mechanism	12.10
Feb 3	Aldehydes & Ketones – Oxygen Nucleophiles	19.4 - 19.5
	Recitation and Quiz #2	
Feb 6	Nitrogen Nucleophiles	19.6 – 19.7
Feb 8	Hydrolysis & Hydrogen Nucleophiles	19.9 & 12.4
Feb 10	Carbon Nucleophiles & Grignards	19.10 & 12.6
	Recitation and Quiz #3	10.10
Feb 13	Wittig Reaction	19.10
Feb 15	Catch up / Exam Review	
Feb 17	Exam 1	
Feb 20	Carboxylic Acids & Their Derivatives - Mechanisms	20.7
Feb 22	Carboxylic Acids	20.4 - 20.5
Feb 24	Acid Chlorides	20.8
	Recitation and Quiz #4	
Feb 27	Anhydrides & Esters	20.9 - 20.11
Mar 1	Amides & Weinreb Amides	20.12
Mar 3	Catchup/Review/Extra Practice	
	*No Recitation or Quiz this week*	
Mar 6-10	SPRING BREAK	
Mar 13	Acid / Base Review	3.1 - 3.4
Mar 15	Ch. 21: Enols and Enolates – Mechanisms and a-Halogenation	21.1 - 21.2
Mar 17	Aldol Reaction	21.3
	Recitation and Quiz #5	
Mar 20	Crossed Aldol & Aldol Condensation	21.3
Mar 22	Claisen & Dieckmann Condensation	21.4
Mar 24	Alkylations with Enolates	21.5
	Recitation and Quiz #6	
Mar 27	Malonic Ester Synthesis	21.5
Mar 29	Conjugate Addition	21.6
Mar 31	Exam 2	
Apr 3	Diels-Alder Reaction: History & Mechanism	16.7
Apr 5	Diels-Alder: Regiochemistry	16.7
Apr 7	Diels-Alder: Stereochemistry	16.7
	Recitation and Quiz #7	

Apr 10	Ch. 24: Carbohydrates – Stereochem & Classifications	24.1 – 24.3 & 24.5
Apr 12	Cyclic Carbohydrates	24.6
Apr 14	Reactivity of Monosaccharides	24.6
	Recitation and Quiz #8	
Apr 17	Ch. 25: Amino Acids & Proteins – General	25.2, 25.4 & 25.6
Apr 19	Peptide Synthesis – Protecting Groups	25.6
Apr 21	Protecting Groups cont. & Enzyme Catalysis Intro	25.6
_	Recitation and Quiz #9	
Apr 24	Enzyme Catalysis	25.8
Apr 26	Course Evaluations and Review	
Apr 28	Exam 3	
May 4 <sup>th</sup>	Final Exam	
9:30am		
Park 25		