

Chemistry 345 – Intermediate Organic Chemistry
Lecture 1 (9:55–10:45 AM) & Lecture 3 (1:20–2:10 PM)
Chemistry 1361
Fall 2014

* **This schedule is subject to change**
REVISED 10-Nov-2014

<u>Monday</u>	<u>Wednesday</u>	<u>Friday</u>	<u>Discussion</u>
	Sept. 3 <i>Chapter 12</i> IR Spectroscopy and Mass Spectrometry	Sept. 5 <i>Chapter 12</i> IR Spectroscopy and Mass Spectrometry	Problem Set 12
Sept. 8 <i>Chapter 13</i> NMR Spectroscopy	Sept. 10 <i>Chapter 13</i> NMR Spectroscopy	Sept. 12 <i>Chapter 13</i> NMR Spectroscopy	Problem Set 13
Sept. 15 <i>Chapter 13</i> NMR Spectroscopy	Sept. 17 Exam 1 Review (Ch. 12-13) EXAM 1: 5:45–6:45 PM Chemistry 1351 & 1361	Sept. 19 <i>Chapter 16</i> Benzene and Its Derivatives	Problem Set 16
Sept. 22 <i>Chapter 16</i> Benzene and Its Derivatives	Sept. 24 <i>Chapter 16</i> Benzene and Its Derivatives	Sept. 26 <i>Chapter 16</i> Benzene and Its Derivatives	Problem Set 16
Sept. 29 <i>Chapter 17</i> Allylic and Benzylic Reactivity	Oct. 1 <i>Chapter 17</i> Allylic and Benzylic Reactivity	Oct. 3 <i>Chapter 17</i> Allylic and Benzylic Reactivity	Problem Sets 17 & 18
Oct. 6 <i>Chapter 18</i> Aryl Halides, Vinylic Halides and Phenols. Transition Metal Catalysis	Oct. 8 <i>Chapter 18</i> Aryl Halides, Vinylic Halides and Phenols. Transition Metal Catalysis	Oct. 10 Exam 2 (Ch. 16-18) IN CLASS Lec. 1: Chemistry 1361 & Chamberlin 2103 Lec. 3: Chemistry 1361	Problem Set 18
Oct. 13 <i>Chapter 19</i> Aldehydes and Ketones. Carbonyl Addition Reactions	Oct. 15 <i>Chapter 19</i> Aldehydes and Ketones. Carbonyl Addition Reactions	Oct. 17 <i>Chapter 19</i> Aldehydes and Ketones. Carbonyl Addition Reactions	Problem Set 19
Oct. 20 Aldehydes and Ketones. Carbonyl Addition Reactions	Oct. 22 Aldehydes and Ketones. Carbonyl Addition Reactions	Oct. 24 Aldehydes and Ketones. Carbonyl Addition Reactions	

<u>Monday</u>	<u>Wednesday</u>	<u>Friday</u>	<u>Discussion</u>
<p>Oct. 27 Chapter 20 Carboxylic Acids</p>	<p>Oct. 29 Exam 3 (Ch. 19-21) IN CLASS <u>Lecture 1: Chemistry 1361,</u> <u>Social Sciences 5206, and</u> <u>Psychology 113</u> <u>Lecture 3: Chemistry 1361</u></p>	<p>Oct. 31 Chapter 21 Carboxylic Acid Derivatives</p>	
<p>Nov. 3 Chapter 21 Carboxylic Acid Derivatives</p>	<p>Nov. 5 Chapter 21 Carboxylic Acid Derivatives</p>	<p>Nov. 7 Chapter 21 Carboxylic Acid Derivatives</p>	
<p>Nov. 10 Chapter 22 Enolates, Enols, and α,β - Unsaturated Carbonyl Compounds</p>	<p>Nov. 12 Chapter 22 Enolates, Enols, and α,β - Unsaturated Carbonyl Compounds</p>	<p>Nov. 14 Chapter 22 Enolates, Enols, and α,β - Unsaturated Carbonyl Compounds</p>	
<p>Nov. 17 Chapter 22 Enolates, Enols, and α,β - Unsaturated Carbonyl Compounds</p>	<p>Nov. 19 Exam 4 (Ch. 22-23) IN CLASS <u>Lecture 1: Chemistry 1361,</u> <u>Social Sciences 5206, and</u> <u>Psychology 113</u> <u>Lecture 3: Chemistry 1361</u></p>	<p>Nov. 21 Chapter 23 Amines</p>	
<p>Nov. 24 Chapter 23 Amines</p>	<p>Nov. 26 Chapter 23 Amines</p>	<p>Nov. 28 </p>	
<p>Dec. 1 Chapter 25 Aromatic Heterocycles</p>	<p>Dec. 3 Chapter 25 Aromatic Heterocycles</p>	<p>Dec. 5 Chapter 27 Pericyclic Reactions</p>	
<p>Dec. 8 Chapter 27 Pericyclic Reactions</p>	<p>Dec. 10 Chapter 24 Carbohydrates Chapter 26 Amino Acids, Peptides, and Proteins</p>	<p>Dec. 12 Final Exam Review</p>	
<p>Dec. 15 Lecture 1 FINAL EXAM 12:25–2:25 pm Agriculture Hall 125</p>	<p>Dec. 17</p>	<p>Dec. 19 Lecture 3 FINAL EXAM 7:45–9:55 am Psychology 113</p>	