

## Organic Chemistry I Summer 2009 Schedule

	<u>Monday</u>	<u>Tuesday</u>	<u>Wednesday</u>	<u>Thursday</u>
	<b>11-May</b>	<b>12-May</b>	<b>13-May</b>	<b>14-May</b>
	<b>Organic I STARTS</b>			
3441L	<b>No Laboratory</b>		<i>Ch. 12--lab</i>	
3441			Unknown #1 & 2: MP & IR	
	<i>Ch. 1</i>	<i>Ch. 2</i>	<i>Ch. 2-3, 12</i>	<i>Ch. 3-4</i>
	<b>18-May</b>	<b>19-May</b>	<b>20-May</b>	<b>21-May</b>
	<b>3441 Exam 1</b>			
3441L	Structure Workshop		Catch-up day/finish	lab books due
3441	<i>Ch. 4</i>	<i>Ch. 5</i>	<i>Exam 1</i>	<i>Ch. 5-6</i>
	<b>25-May</b>	<b>26-May</b>	<b>27-May</b>	<b>28-May</b>
	<b>Memorial Day</b>			
3441L	<b>No Laboratory</b>		<i>Last day to Withdraw</i>	
3441	<b>No Lecture</b>		Extraction: Expt 3.5 B	
		<i>Ch. 6</i>	<i>Ch. 6-7</i>	<i>Ch. 7</i>
	<b>1-Jun</b>	<b>2-Jun</b>	<b>3-Jun</b>	<b>4-Jun</b>
	<b>3441 Exam 2</b>			
3441L	TLC: Exercise K.1		Distillation: Exercise G.1	lab books due
3441	<i>Ch. 8</i>	<i>Exam 2</i>	<i>Ch.8-9</i>	<i>Ch. 9</i>
	<b>8-Jun</b>	<b>9-Jun</b>	<b>10-Jun</b>	<b>11-Jun</b>
	<b>3441 Exam 3</b>			
3441L	Guaifenesin		<i>Ch. 13--lab</i>	
3441			Unknown #3: NMR	
	<i>Ch. 9</i>	<i>Ch. 10</i>	<i>Exam 3</i>	<i>Ch. 11</i>
	<b>15-Jun</b>	<b>16-Jun</b>	<b>17-Jun</b>	<b>18-Jun</b>
	<b>3441 Exam 4/Final</b>			<b>3441 ACS Final</b>
3441L	Unknown #3: NMR		lab books due	7:30 - 9:30 AM
3441	<i>Ch. 11-13</i>	<i>Ch.11, review</i>	<i>Exam 4/Final</i>	<i>ACS Final</i>

### Course Chapter Coverage:

1. Structure and Bonding.
2. Polar Covalent Bonds; Acids and Bases.
3. Organic Compounds: Alkanes and Their Stereochemistry.
4. Organic Compounds: Cycloalkanes and Their Stereochemistry.
5. An Overview of Organic Reactions.
6. Alkenes: Structure and Reactivity.
7. Alkenes: Reactions and Synthesis.
8. Alkynes: An Introduction to Organic Synthesis.
9. Stereochemistry.
10. Organohalides.
11. Reactions of Alkyl Halides: Nucleophilic Substitutions and Eliminations.
12. Structure Determination: Mass Spectrometry and Infrared Spectroscopy.\*\*
13. Structure Determination: Nuclear Magnetic Resonance Spectroscopy.\*\*

**\*\*Most of Chapters 12 and 13 will be covered during the 3441L (lab) time period.**