Chemistry 334 Spring 2021

Tentative Lecture, Reading, and Examination Schedule

Text: Wade, Organic Chemistry, 9th edition

<u>Dates</u>	<u>Topics</u>	<u>Readings</u>
Jan. 25, 27	Ethers, Epoxides, and Thioethers	<u>14</u> : 1–16
Feb. 1, 3, 8	Conjugated Systems and Ultraviolet Spectroscopy	<u>15</u> : 1–15
Feb. 8, 10	Aromatic Compounds	<u>16</u> : 1–15
Feb. 10, 15, 17	Reactions of Aromatic Compounds	<u>17</u> : 1–16
Feb. 17, 22, 24	Ketones and Aldehydes	<u>18</u> : 1–20
March 1	EXAM #1 (through Reactions of Aromatic Compounds)	
March 3, 8	Carboxylic Acids	<u>20</u> : 1–15
March 8, 10, 22, 24	Carboxylic Acid Derivatives	<u>21</u> : 1–16
March 24	α,β-Unsaturated Carbonyl Compounds	<u>22</u> : 18
March 29, April 5	Carbonyl α-Substitution Reactions	<u>22</u> : 1–6, 15–17
April 5, 7	Carbonyl Condensation Reactions	<u>22</u> : 7–14, 19
April 12	EXAM #2 (cumulative, through α,β-Unsaturated Carbonyl Compounds)	
April 14	Carbonyl Condensation Reactions (continued)	
April 14, 19	Synthetic Polymers	<u>26</u> : 1–9
April 19, 21, 26	Carbohydrates	<u>23</u> : 1–17
April 26, 28	Amines	<u>19</u> : 1–20
May 3, 5	Amino Acids, Peptides, and Proteins	<u>24</u> : 1–13
May 10, 12	Lipids	<u>25</u> : 1–8
May 17	FINAL EXAM (cumulative, through Lipids)	