Chemistry 334 Fall 2021

Tentative Lecture, Reading, and Examination Schedule

Text: Wade, Organic Chemistry, 8th edition

<u>Dates</u>	<u>Topics</u>	Readings
Aug. 30, Sept. 1	Ethers, Epoxides, and Thioethers	<u>14</u> : 1–16
Sept. 8, 13, 15	Conjugated Systems and Ultraviolet Spectroscopy	<u>15</u> : 1–15
Sept. 15, 20	Aromatic Compounds	<u>16</u> : 1–15
Sept. 20, 22, 27	Reactions of Aromatic Compounds	<u>17</u> : 1–16
Sept. 27, 29, Oct. 4	Ketones and Aldehydes	<u>18</u> : 1–20
Oct. 6	Carboxylic Acids	<u>20</u> : 1–15
Oct. 11	EXAM #1 (through Reactions of Aromatic Compounds)	
Oct. 13	Carboxylic Acids (continued)	
Oct. 13, 18, 20, 25	Carboxylic Acid Derivatives	<u>21</u> : 1–16
Oct. 25	α,β-Unsaturated Carbonyl Compounds	<u>22</u> : 18
Oct. 27, Nov. 1	Carbonyl α-Substitution Reactions	<u>22</u> : 1–6, 15–17
Nov. 1, 3	Carbonyl Condensation Reactions	<u>22</u> : 7–14, 19
Nov. 8	EXAM #2 (cumulative, through α,β-Unsaturated Carbonyl Compounds)	
Nov. 10	Carbonyl Condensation Reactions (continued)	
Nov. 10, 15	Synthetic Polymers	<u>26</u> : 1–8
Nov. 15, 17, 22	Carbohydrates	<u>23</u> : 1–22
Nov. 22, 24	Amines	<u>19</u> : 1–20
Nov. 29, Dec. 1	Amino Acids, Peptides, and Proteins	<u>24</u> : 1–14
Dec. 6, 8	Lipids	<u>25</u> : 1–8
Dec. 13	EXAM #3 (cumulative, through Lipids)	