Chemistry 334

Summer 2024

Tentative Lecture, Reading, and Examination Schedule

Text: Wade, Organic Chemistry, 9th edition

| Dates | Topics | <u>Readings</u> |
|---------------------|--|------------------------|
| July 10, 11 | Ethers, Epoxides, and Thioethers | <u>14</u> : 1–16 |
| July 12, 15, 16 | Conjugated Systems and Ultraviolet Spectroscopy | <u>15</u> : 1–15 |
| July 16, 17 | Aromatic Compounds | <u>16</u> : 1–15 |
| July 17, 18, 19 | Reactions of Aromatic Compounds | <u>17</u> : 1–16 |
| July 19, 22 | Ketones and Aldehydes | <u>18</u> : 1–20 |
| July 23 | EXAM #1 (through Reactions of Aromatic Compounds) | |
| July 24 | Ketones and Aldehydes (continued) | |
| July 25, 26 | Carboxylic Acids | <u>20</u> : 1–15 |
| July 26, 29, 30, 31 | Carboxylic Acid Derivatives | <u>21</u> : 1–16 |
| July 31 | α,β-Unsaturated Carbonyl Compounds | <u>22</u> : 18 |
| August 1, 2 | Carbonyl α-Substitution Reactions | <u>22</u> : 1–6, 15–17 |
| August 2, 5 | Carbonyl Condensation Reactions | <u>22</u> : 7–14, 19 |
| August 6 | EXAM #2 (cumulative, through α,β -Unsaturated Carbonyl Compounds) | |
| August 7 | Carbonyl Condensation Reactions (continued) | |
| August 7, 8 | Synthetic Polymers | <u>26</u> : 1–9 |
| August 8, 9, 12 | Carbohydrates | <u>23</u> : 1–17 |
| August 12, 13 | Amines | <u>19</u> : 1–20 |
| August 14, 15 | Amino Acids, Peptides, and Proteins | <u>24</u> : 1–13 |
| August 16, 19 | Lipids | <u>25</u> : 1–8 |
| August 20 | EXAM #3 (cumulative, through Lipids) | |