

Simmons College Chemistry 112- Spring 2008

UNIT III: Tentative Syllabus and Lecture Outline

Office Hours: M, W 1:30-3

Study Groups: 24 hours to choose from!! Be sure to attend at least once a week!!

| Sunday | Monday | Tuesday | Thursday |
|-------------------|---------------------------------------|---|--|
| 2-4 PM in library | 2-6 in 4 th Floor Sci Bldg | 3:30-5:30 PM in 4 th flr Sci Bldg. | 6-8PM in 4 th flr Sci Bldg. |
| 6-10 PM in Evan's | 6-10 PM in Evan's Basement | 4-10 PM in Evan's Basement | |

| <u>Date</u> | <u>Lecture Number</u> | <u>Topic</u> | <u>Reading Stoker Chapter</u> | <u>HW Problems from Stoker Textbook</u> | <u>HW Problems from the Stoker Study Guide</u> |
|---|-----------------------|---|-----------------------------------|--|---|
| 3/24 (M) | 21 | Introduction to carbohydrates, Hemiacetals Haworth Projection | 18.1-18.3, 18.8-18.11 | 18.1-18.5, 18.11, 18.29, 18.37 to 18.47 (odd only), 18.59, 18.61, 18.63, 18.67 | 18.1, 18.8, 18.9, 18.10 |
| 3/28 (F) | 22 | Reactions of monosaccharides | 18.12 | 18.69, 18.71, 18.75, 18.77, 18.79, 18.81, 18.83, 18.85 | 18.11 |
| 3/31 (M) | 23 | Di and poly saccharides | 18.13-18.19 | 18.87, 18.89, 18.91, 18.93, 18.95, 18.97, 18.103, 18.107, 18.109, 18.111, 18.113 | 18.12-18.14, Self test Chap 18 |
| 4/2 (W) QUIZ 7 on lectures 21-23 | 24 | Metabolism | 23.2-23.4, 24.1, 24.2, 24.3, 24.9 | 23.15, 23.17, 23.19, 23.23, 23.29, 23.31, 23.39, 23.51, 23.53, 24.1-24.17 (odd only), 24.23, 24.29, 24.35, 24.81 | 23.2, 23.3, 23.5, 24.1, |
| 4/4 (F) | 25 | Carboxylic Acids | 16.1-16.9 | 16.1-16.9 (odd only), 16.23, 16.29, 16.33, 16.35, 16.37, 16.45 | 16.5-16.8 |
| 4/7 (M) | 26 | Esters | 16.10-16.15 | 16.49, 16.51-16.55 (odd), 16.59-16.63 (odd), 16.67, 16.75 | 16.9, 16.11 |
| 4/9 (W) QUIZ 8 lectures 24-26 | 27 | Other acid derivatives | 16.16-16.20 | 16.77-16.97 (odd only) | 16.12-16.16 Cheap 16 self test |
| 4/11 (F) | 28 | Amines | 17.1-17.11 | 17.1-17.15(odd only), 17.27, 17.29, 17.31, 17.37, 17.39, 17.47, 17.59 | 17.3, 17.4, 17.5 |
| 4/14 (M) | 29 | Amides | 17.12-17.18 | 17.61-17.67 (odd), 17.75, 17.79, 17.81, 17.83 | 17.9, 17.10, 17.12, 17.13, 17.15 Chap 17 Self test |

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| 4/16 (W) QUIZ 9 L27-29 | 30 | review | | | |
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Exam III: 4/23/08 (Wed.)