

B.A. Sophomore Year – Spring Semester Lecture

CEM 252 Organic Chemistry II

Description: Continuation of CEM 251 with emphasis on polyfunctional compounds, particularly those of biological interest.

Credit: 3 Credits (3 hours lecture, 1 hour recitation per week)

Prerequisite: CEM 251

Lecture topics:

- Benzene and Reactions
- Mass Spectrometry, UV-vis & IR Spectroscopy
- NMR Spectroscopy
- Carbonyl Compounds I & II
- Oxidation-Reduction Reactions
- Carbonyl Compounds III
- Carbohydrates
- Amino Acids & Peptides
- Lipids
- Synthetic Polymers