

2024-25 ACADEMIC COURSES

CEM 222 : ORGANIC CHEMISTRY II

This course is the second of a two-semester sequence. In this course, students will continue to learn nomenclature, stereochemistry, preparations, and reactions of organic compounds (aromatic compounds, organic oxygen and sulfur compounds, carbonyl compounds, carboxylic acids, amines) and biological compounds. Students will apply this knowledge by developing reaction sequences that can be used to synthesize various organic compounds from given starting materials. In the laboratory, students will learn how to synthesize and isolate organic compounds and then characterize them using spectroscopic methods.

Level I Prereq: Academic Reading and Writing Levels of 6; Academic Math Level 3; CEM 211 minimum grade "C"

Description	Hours
Credits	4
Lecture Hours	45
Clinical Hours	0
Lab Hours	45
Other Hours	0
Total Hours	90

Accurate as of 02/28/2024 Information is subject to change without notice.