

Louisiana Delta Community College

Academic Affairs Master Syllabus

Course Name: ORGANIC CHEMISTRY II LAB

Course Number: CHEM 224

Lecture hours: 0 **Lab Hours:** 1 **Credit Hours:** 1

Textbook, Author, and Publisher: To be provided by College Campus

Instructor Information: To be provided by College Campus

Class Location: To be provided by College Campus

Course Description:

This course introduces fundamental principles and theories of organic chemistry and representative classes of organic compounds. Includes basic organic laboratory techniques, including note keeping, filtration, recrystallizations, extractions, distillation methods, spectroscopic and chromatographic methods, chemical searches, and report writing. Designed for science majors and students in nursing, health science, and engineering.

Prerequisites: Successful completion of CHEM 223 with a grade of "C" or higher AND successful completion of CHEM 222 with a grade of "C" or higher OR concurrent enrollment in CHEM 222.

Co-requisites: None

Learning Outcomes:

On completion of this course, the student will be able to:

1. Students will understand and apply the standard lab techniques learned in the previous CHEM 223 lab class.
2. Students will understand and perform organic chemical syntheses and reactions using microscale and macroscale equipment.
3. Students will complete chemical puzzles or short research projects involving up to three step synthetic strategies. All the skills, techniques and knowledge from the CHEM 223 lab and CHEM 224 lab organic courses will be used.
4. Students will perform writing tasks to promote learning including literature research reports.

Assessment Measures: To be provided by College Campus

Library Resource Center:

The Delta Library and Learning Resource Center is committed to providing quality information and learning resources and services, including technology, in supporting the overall mission of Louisiana Delta Community College and its commitment to lifelong learning.

Special Accommodations:

Louisiana Delta Community College complies with Section 504 of the Rehabilitation Act, as well as the Americans with Disabilities Act. Students with disabilities who attend the Monroe campus may make a request by contacting the Director of Counseling and Disability Services (See College Directory for contact information.) at the beginning of each semester. Reasonable accommodations will be attempted for students with documented disabilities. If an impairment is identified later in the semester, a non-retroactive accommodation plan will be developed. Students at satellite campuses should contact the Coordinator of Student Affairs at their particular campus.

Title IX:

Louisiana Delta Community College is committed to protecting the rights of students, which includes compliance with Title IX requirements. As such, the institution and members of our community will not tolerate the offenses of dating violence, domestic violence, sexual assault, and stalking. Students with Title IX concerns should contact the College's Title IX Coordinator (See College Directory for contact information.) Students are required to complete Sexual Assault Awareness and Prevention Online Training. Access to this online course will be sent out through the Delta email account.

Student Code of Conduct:

Louisiana Delta Community College encourages an environment of academic integrity and mutual respect. Students should read and follow both academic and behavioral expectations identified in the Code of Student Conduct that can be found online at www.ladelta.edu. Students are expected to act with integrity, respect the rights of others, and conduct themselves in a professional manner. The Honor Code prohibits academic misconduct such as cheating, engaging in unauthorized collaboration, and plagiarism. Violations of the Code of Student Conduct may result in disciplinary action as provided in the Code. Incidents are reported through the online Student Conduct system.