

CHEM& 252L: ORGANIC CHEM LAB II

Introduction to organic laboratory techniques and preparation of representative organic compounds. (E)

Course Student Learning Outcomes

1. Know and follow procedures for safe laboratory practice.
2. Keep a detailed laboratory notebook as a record of experimental procedure and outcomes.
3. Use knowledge of functional groups, electronic, and steric effects to predict/explain physical properties and reactivity of organic compounds.
4. Apply basic purification and separation techniques such as crystallization, extraction, distillation, and chromatography.

Credits: 3

Prerequisites: 2.0 or higher in CHEM& 241 and concurrent registration in CHEM& 242 or permission of instructor.

Program: [Chemistry](#)