

CHEM& 252 : Organic Chem Lab II

Credits 3

Introduction to organic laboratory techniques and preparation of representative organic compounds. This class may include students from multiple sections. (Elective)

Prerequisites

2.0 or higher in [CHEM& 241](#) and concurrent registration in [CHEM& 242](#) or instructor permission

Course Outcomes

Know and follow procedures for safe laboratory practice.

Keep a detailed laboratory notebook as a record of experimental procedure and outcomes.

Use knowledge of functional groups, electronic, and steric effects to predict/explain physical properties and reactivity of organic compounds.

Apply basic purification and separation techniques such as crystallization, extraction, distillation, and chromatography.