

CHEM 5821 - Intermediate Organic Chemistry

Fall 2026 Syllabus, Section 01, CRN 40772,

Credit hours: 3

Instructor

Dr. Will Jencius

Email: wpjencius@ysu.edu

Public Instructor Information

Instructor Title: Dr. Will Jencius

Instructor Professional Qualifications: Ph.D., Chemistry, B.S., Biochemistry, Kent State University

Instructor Office Location: 4037 Ward Beecher Hall

Instructor Office Phone: 330-941-3663

Course Description

5821. Intermediate Organic Chemistry. An intermediate treatment of organic chemistry building on the principles introduced at the sophomore level. Emphasis on curved arrow notation in mechanism and the planning of organic syntheses. Structural analysis of organic compounds using NMR, IR and MS and the application of structural knowledge to questions of mechanism. Prereq.: CHEM 3720. 3 s.h.

Course Readings

Group	Title	Author	ISBN
	No Readings		

The course readings are subject to change in the event of extenuating circumstances, research developments, current events, and/or to ensure better learning.

Schedule of Topics and Assignments

Week of	Reading(s)	Proposed Topic	Due/To Prepare for Class
8/24	Select Topics from Klein and Loudon		

The course schedule, policies, procedures, and assignments in this course are subject to change in the event of extenuating circumstances, by mutual agreement, and/or to ensure better learning.