Course objectives
- To gain added lab experience in carrying out more complex organic reactions.
- To determine the structure of organic unknowns using a combination of physical, chemical and spectroscopic methods.

Instructor
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Safety
- Safety goggles or glasses with side shields, and shoes must be worn at all times in the lab. No one will be allowed to work without this protection. Your cooperation is requested.

Notebooks
- Students must provide a bound (no loose-leaf), hard cover laboratory notebook.

Grading
- Lab notebook - first 6 experiments 30%
- Lab notebook - three unknowns 30%
- Quizzes 30%
- TA evaluation 10% (organization, preparation, technique)

First lab meeting
- We will begin lab the week of January 14 with check in and the safety lecture. Read Chapters 1 and 2, and the first two pages of the book entitled, "Safety Practices...” and “In Case of Accident.”