

Chemistry 273L Microscale Organic Laboratory
General Information
Spring 2008

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

- Janice G. Smith
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Text

- "Microscale and Macroscale Organic Experiments," 5th Edition, by Williamson, Minard, and Masters (2007)

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."