
**January 8**  
*Rec:* Introduction to the Course: How to Write a Proposal, Safety Rules, SDS  
*Lab:* Check-in

**January 15**  
*Rec:* How to Approach the Reading of a Journal Article  
*Lab:* Extraction Methods and A Tour of the Chemistry Library

**January 22**  
*Rec:* An Introduction to Research Methods and Thin Layer Chromatography  
*Lab:* An Introduction to Separation Science

**January 29**  
**RESEARCH PROPOSAL DUE**

*Rec:* The Grignard Reaction  
*Lab:* Synthesis of Triphenylmethanol

**February 05**  
*Rec:* Introduction to the Proposed Projects and How to Keep a Lab Notebook  
*Lab:* Preparation of Reagents for Proposed Projects and Completion of the Grignard Experiment

**February 12**  
*Rec:* A Review of Spectroscopic Methods  
*Lab:* Begin Project Work

**February 19**  
*Rec:* Reading a Journal Article  
*Quiz I*  
Spectroscopy

**February 26**  
*Rec:* How to Write a Progress Report

**March 05**  
**SPRING BREAK**

**March 12**  
*Rec:* Introductory Molecular Modeling  
*Lab:* Introduction to Molecular Modeling and Computer Graphics

**March 19**  
**PROGRESS REPORTS DUE**

*Rec:* Update on Projects Progress  
*Quiz II*  
Journal Article

April 02  Rec: Oral Presentations

April 09  Rec: Oral Presentations

April 16  Rec: Oral Presentations
Lab: Check out

April 26  FINAL REPORTS DUE

GRADING SCHEME

Your grade will be based on your laboratory performance, as well as written and oral work over the term using the following breakdown.

1. Proposal 15%
2. Progress Report 15%
3. Final Report 30%
4. Oral Presentations 10%
5. Technique 10%
6. Personal Evaluation 5%
7. Quizzes (3) 15%

100%

ACADEMIC INTEGRITY

We will all be expected to follow the Academic Integrity Guidelines of the University of Pittsburgh. A copy of these Guidelines is available at the A&S Dean’s Office or the A&S website.

DISABILITIES STATEMENT

If you have a disability for which you are or may be requesting an accommodation, you are encouraged to contact both your instructor and the Office of Disability Resources and Services, 216 William Pitt Union (412-624-7890) as early as possible in the term.