

Chem 2315 Class Schedule

Spring 2009

The class schedule is given below. Please be aware that these labs may not be in the same order as in the Lab Manual - some changing around is necessary each year to match the lecture schedule, so check before you prepare! Labs will be due on Mon during the class following the lab.

If you miss a day of lab, please arrange to come to the opposite section to make it up. Please do not miss any labs if you can avoid it, but if you are too ill to work safely and effectively, don't come!

| <u>Date</u> | <u>Lab</u> | <u>Due date</u> |
|-------------|--|-----------------|
| 8 Jan | Course introduction, safety discussion, check-in | |
| 15 Jan | Organic Chemistry Calculations | 20 Jan |
| 22 Jan | Physical Properties of Organic Compounds (Ch 2) | 26 Jan |
| 29 Jan | Analysis of Pain-relieving Medications by TLC | 2 Feb |
| 5 Feb | Identifying Unknowns by IR spectroscopy (Ch 3) | 9 Feb |
| 12 Feb | Separation of Beta Carotene and Chlorophyll from Spinach | 17 Feb |
| 19 Feb | NMR Spectroscopy (Ch 5) | 23 Feb |
| 26 Feb | Isolation of Cinnamaldehyde | 2 Mar |
| 5 Mar | Virtual Lab – Introduction to Running Reactions (Ch 7) | 9 Mar |
| 12 Mar | Williamson Ether Synthesis (Ch 7) | 23 Mar |
| 26 Mar | Nucleophilic Substitution (Ch 8) | 30 Mar |
| 2 Apr | HBr Addition to Cyclohexene (Ch 10) | 6 Apr |
| 9 Apr | Hydroboration-oxidation of 1-Octene (Ch 11) | 13 Apr |
| 16 Apr | Check-out, review for final | |
| 23 Apr | Final exam | |