

**ACC, Organic Chemistry I (2423)  
Laboratory Schedule RVS Campus  
Spring 2009**

<b>Week of:</b>		<b>Experiment: Topic</b>
Jan 20-23	---	Introduction and Orientation (Mandatory for all)
Jan 26-30	---	Lab Safety (Mandatory for all)
Feb 02-06	Mini 11	Identification of an unknown compound by TLC.
Feb 09-13	2	Separating the Components of (Panacetin)
Feb 16-20	3	Recrystallization and Melting-Point Determination
Feb 23-27	3	continue# 3 (melting points)
Mar 02-06	8	Boiling Point (Operation 25)
Mar 09-13	6	Fractional Distillation (Operation 27)
Mar 16-20	na	Spring Break
Mar 23-27	GC-	Gas Chromatography of Simple and Fractional Distillation (Determine purity of products from experiments # 8 and 6)
Mar 30-03	9	Column Chromatography (extract & separate components lycopene)
Apr 06-10	10	Isolation & Identification of the Major Constituent, (cloves)
Apr 13-17	10	Continuation of Exp: 10
Apr 20-24	Mini 21	Free-Radical Bromination of Hydrocarbons
Apr 27-01	23	Stereochemistry of Addition of Bromine to trans-cinnamic acid
May 04-08	Mini 16	Relativities of Alkyl Halides in Nucleophilic Substitution
May 15	na	Semester Ends

***All Students must purchase their own safety goggles. The lab and drawers must be clean & in-order for before leaving lab.***