

LABORATORY SYLLABUS

CHEM 53

FALL 2000

<u>LAB</u>	<u>LECTURER</u>	<u>DATE OF LECTURE</u>	<u>CHAPTER</u>	<u>EXPERIMENT</u>	<u>DATE OF QUIZ</u>
1	RS	Thurs, Sept 7	4 (Exp. 2, 3, 4) Plus HANDOUTS	Melting Points Molecular Models	Sept 28
2	DW	Thurs, Sept 14	3 (Exp. 2, 7)	Crystallization	Oct 5
3	MD	Thurs, Sept 21	8 (Exp. 1)	Extraction	Oct 12
4	RS	Thurs, Sept 28	5 (Exp. 3A, 6)	Distillation Gas Chromatography (GC)	Oct 19
5	KK	Thurs, Oct 5	9 (Exp. 1) 33 (Microscale)	Drug Analysis by Thin Layer Chromatography (TLC) Acetylferrocene Preparation	Oct 26
6	MD	Thurs, Oct 12	10 (Exp. 1) Plus HANDOUT	Column Chromatography	Nov 2
7	KK	Thurs, Oct 19	17 31 (Exp. 2, 3)	Nucleophilic Substitution	Nov 9
8	RS	Thurs, Oct 26	19 (Exp. 1)	Alkenes from Alcohols GC Analysis	Nov 16
9	DW	Thurs, Nov 2	HANDOUT	Stereochemistry of Addition of Bromine to Alkenes	Nov 30
10	MD	Thurs, Nov 9	18 (Exp. 1)	Free Radical Chlorination of 1-Chlorobutane. GC Analysis	Dec 7
11	DW	Thurs, Nov 16	HANDOUT	Reduction using NaBH ₄	
12	KK	Thurs, Nov 30	38 (Exp. 1, 2) Plus HANDOUT	Grignard Synthesis	
