

Organic Chemistry Laboratory
Chemistry 2411
Fall Semester 2012 (New Text)

New Text: Small Scale Approach, Organic Laboratory Techniques, CHEM 241L
Pavia, Lampman, Kriz & Engel (Paper Back)
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Secretary: Susan Marshall, Rm. 188

Week Beginning			Lab Manual	Text
Monday		Experiment	Pages	Pages
September	3	Check-In & Thin Layer Chromatography	3-20	2-59
September	10	Fractional Distillation	21-31	61-88
September	17	Crystallization and Melting Points	32-39	89-119
September	24	Extraction	40-48	120-145
October	1	Isolation of Caffeine from Tea	49-56	146-166
October	8	Fall Reading Days, No labs this week.		
October	15	Friedel Crafts Acetylation of Ferrocene and Column Chromatography	57-62	262-282
October	22	Dehydration of 2-Methylcyclohexanol, Tests for Unsaturation, Gas Chromatography	63-73	283-318
October	29	Hydroboration-Oxidation of 1-Octene	74-78	
November	5	Synthesis of n-Butyl Bromide and Tertiary Butyl Chloride	79-86	319-329
November	12	Synthesis of Amyl Acetate	87-90	
November	19	Thanksgiving Recess (No labs this week)		
November	26	Qualitative Organic Analysis, Lab Check Out (This cannot be a drop lab)	91-107	168-260
		Sample Chem 2411 Final Exam	108 - 116	

THE FINAL EXAM IS SCHEDULED FOR: Tuesday, 12/11, 2 -5 PM in RM 402

Make up exams will be given at a later date for those who have exam conflicts or have 3 exams within 2 consecutive days.

Note: If you drop Chem 2411 lab at any time during the semester, you must return your locker key, clean your glassware, and pay any bills for breakage. If you fail to do this, your name will be returned to the class rolls and a grade of incomplete, "INC", will be assigned. It is Chemistry Department policy that laboratory courses cannot be taken on a pass/fail basis. Chem 2411 lab reports cannot be used to satisfy the second writing requirement in the College of A&S.

Students should begin lab clean-up at 5:45 PM and be out of the lab promptly at 6 PM. Tardy students will be penalized.