

Chemistry 206L Organic Lab I SYLLABUS

Spring 2011

Course Instructor: **Homer Smith** (ISC 2073, 757-477-7387, homeralvin@verizon.net)

Lab Section Instructors: **R. J. Hinkle, J. R. Scheerer, J. C. Molloy**

Prelab Discussion: **Rogers Auditorium, ISC II Room 1127**

Laboratories: **ISC I, Rooms 1028, 1036, 1040 and 1064**

Laboratory Schedule				
Dates	Exp #	Experiment	Rooms 1028 1040	Rooms 1036 1064
Jan 26, 27	1	Recrystallization and Melting Points	✓	✓
Feb 2, 3	2	Extraction	✓	✓
Feb 9, 10	3	Homogeneous Distillation	✓	✓
Feb 16, 17	4	Molecular Modeling I	✓	✓
Feb 23, 24	5	Identification of an Unknown Carboxylic Acid	✓	
	6	Gas Chromatography		✓
	7	Resolution and Polarimetry, Part 1		✓
Mar 2, 3 No prelab. 8 am sections start at 9 am .	5	Identification of an Unknown Carboxylic Acid		✓
	6	Gas Chromatography	✓	
	7	Resolution and Polarimetry, Part 1	✓	
Mar 9, 10	Spring Break			
Mar 16, 17	7	Resolution and Polarimetry, Part 2	✓	✓
Mar 23, 24	8	Thin Layer Chromatography	✓	✓
Mar 30, 31	9A*	Spectroscopy, Part 1	✓	✓
Apr 6, 7	9B*	Spectroscopy, Part 2	✓	✓
Apr 13, 14	10	Unknown Carbonyl Compound	✓	✓
Apr 20, 21	11	S _N 1 and S _N 2 Competition	✓	✓
Apr 27, 28	Final Exam			

*Note: Problems in spectroscopy are definitely a part of both Chem 206L and 206.