

**Chemistry 206L Organic Lab I SYLLABUS****Spring 2012**Course Instructor: **Doug Young** (ISC 2037, 757-221-2539, dyoung01@wm.edu)Lab Section Instructors: **E.J. Harbron, 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**

<b>Laboratory Schedule</b>				
<b>Dates</b>	<b>Exp #</b>	<b>Experiment</b>	<b>Rooms 1028 1040</b>	<b>Rooms 1036 1064</b>
Jan 25, 26	<b>1</b>	Recrystallization and Melting Points	✓	✓
Feb 1, 2	<b>2</b>	Extraction	✓	✓
Feb 8, 9	<b>3</b>	Homogeneous Distillation	✓	✓
Feb 15, 16	<b>4</b>	Molecular Modeling I	✓	✓
Feb 22, 23	<b>5</b>	Identification of an Unknown Carboxylic Acid	✓	
	<b>6</b>	Gas Chromatography		✓
	<b>7</b>	Resolution and Polarimetry, Part 1		✓
Feb 29, Mar 1 No prelab. <b>8 am</b> sections start at <b>9 am</b> .	<b>5</b>	Identification of an Unknown Carboxylic Acid		✓
	<b>6</b>	Gas Chromatography	✓	
	<b>7</b>	Resolution and Polarimetry, Part 1	✓	
Mar 7, 8	<b>Spring Break</b>			
Mar 14, 15	<b>7</b>	Resolution and Polarimetry, Part 2	✓	✓
Mar 21, 22	<b>8</b>	Thin Layer Chromatography	✓	✓
Mar 28, 29	<b>9A</b>	Spectroscopy, Part 1	✓	✓
Apr 4, 5	<b>9B</b>	Spectroscopy, Part 2	✓	✓
Apr 11, 12	<b>10</b>	Unknown Carbonyl Compound	✓	✓
Apr 18, 19	<b>11</b>	S <sub>N</sub> 1 and S <sub>N</sub> 2 Competition <b>Breakage payments due</b>	✓	✓
Apr 25, 26	<b>Final Exam</b>			