

Point Distribution

<u>Experiment</u>	<u>Report</u>	<u>Product</u>	<u>Unknown</u>
Melting-Point Analysis	2		3
Recrystallization of Acetanilide	2	3	
Simple Distillation of α -Pinene	2	3	
Molecular Modeling: Conformational Analysis with ChemDraw and Chem3D	2		
Fractional Distillation of Cyclohexane and Toluene With and Without a Vigreux Column	2		
Acid-Base Extraction of Benzil and Benzoic Acid	2	6	
Thin-Layer Chromatography (TLC)	2		3
Separation of Cholesterol and a Cholesteryl Ester by Column Chromatography	2	6	
Acid-Catalyzed Dehydration of 2-Methylcyclohexanol	2	3	
Stereoselective Reduction of 4- <i>tert</i> -Butylcyclohexanone	2	3	
Infrared (IR) Spectroscopy	8		2
Nuclear Magnetic Resonance (NMR) Spectroscopy	8		2

<u>Category</u>	<u>Maximum Points</u>
Laboratory Notebook: Pre-Lab Preparation	12
Laboratory Notebook: In-Lab Observations	12
Laboratory Notebook: Post-Lab Conclusions	12
Laboratory Technique	12
Reports	36
Products	24
Unknowns	10
<u>Quizzes</u>	<u>42</u>
Total	160

Note: A number of experiments require a product to be physically submitted. If a schedule modification necessitates any of these experiments to be run exclusively online, no product(s) will be submitted for that experiment, and the maximum point total for the course will be reduced accordingly.