

**Schedule of Experiments**

**Text:** Wade, *Organic Chemistry*, 6th edition.  
**Laboratory manual:** California State University, Northridge, Department of Chemistry,  
*Chemistry 333L Laboratory Manual*.

<u>Dates</u>	<u>Experiment, Pre-Laboratory Preparation</u>
June 5	Check-in. Safety Review. CSU Northridge Chemistry 333L Manual, pp. 1–17. LRC Safety DVD.
June 6	Melting Points. Evaluation of Purity by Melting-Point Determination. Melting-Point Determination of an Unknown. CSU Northridge Chemistry 333L Manual, pp. 18–28. LRC Melting-Point Determination DVD.
June 7	Purification of Acetanilide by Recrystallization. CSU Northridge Chemistry 333L Manual, pp. 29–41. LRC Recrystallization DVD.
June 12	Simple Distillation. Isolation of $\alpha$ -Pinene. CSU Northridge Chemistry 333L Manual, pp. 48–67. Modification: Skip the Boiling-Point Determination of an Unknown section. LRC Simple Distillation DVD.
June 13	Fractional Distillation With a Vigreux Distillation Column. CSU Northridge Chemistry 333L Manual, pp. 68–73. Modification: Only do the fractional distillation. LRC Fractional Distillation DVD.
June 14	Molecular Modeling. Conformational Analysis with ChemDraw and Chem3D. CSU Northridge Chemistry 333L Manual, pp. 81–86. Wade, Sections 3-13 to 3-15.

