

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>
Jan. 20–26	Check-in. Safety Review. CSU Northridge Chemistry 333L Manual, pp. 1–17. LRC Safety DVD.
Jan. 27 – Feb. 2	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.
Feb. 3–9	Purification of Acetanilide by Recrystallization. CSU Northridge Chemistry 333L Manual, pp. 29–41. LRC Recrystallization DVD.
Feb. 10–16	Simple Distillation. Isolation of α -Pinene. CSU Northridge Chemistry 333L Manual, pp. 48–67. Modification: Skip the Boiling-Point Determination of an Unknown section. LRC Simple Distillation DVD.
Feb. 17–23	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.
Feb. 24 – March 2	Molecular Modeling. Conformational Analysis with ChemDraw and Chem3D. CSU Northridge Chemistry 333L Manual, pp. 81–86. Wade, Sections 3-13 to 3-15.

