

PHYSICS 137 LABORATORY
Schedule of Experiments
Fall 2009 Semester

Dates (M Days)	Experiment
19-Aug	Classes Begin--No Labs
24-Aug	Statistical Analysis, Propagation of Errors, and Linear Regression
31-Aug	Force Table
7-Sep	No Lab -- Labor Day Holiday
14-Sep	Newton's 2nd Law and Friction
21-Sep	Centripetal Force
28-Sep	Conservation of Linear Momentum
5-Oct	Conservation of Mechanical Energy
12-Oct	No Labs -- Fall Break Oct 15 & 16
19-Oct	Angular Momentum
26-Oct	Simple Harmonic Motion
2-Nov	Fluid Mechanics
9-Nov	Heat of Fusion of Ice
16-Nov	Mechanical Equivalent of Heat
23-Nov	Heat Engine/Gas Law
27&28-Nov	Thanksgiving Holidays - Nov. 27 & 28
30-Nov	Lab Makeup/Finals
1-Dec	Last Day of Classes
2-Dec	Study Period

The laboratory manual for Physics 137 is **Contemporary Introductory Physics Experiments** by James E. Parks, Hayden-McNeil Publishing, ISBN 978-0-7380-3083-8 and is available at the UT Book and Supply Store.