

PHYSICS 221 LABORATORY
Schedule of Experiments
Fall 2009 Semester

Dates (TWR F Days)	Experiment
19-Aug	Classes Begin
19-Aug - 21-Aug	No Labs
25-Aug - 28-Aug	Statistical Analysis, Propagation of Errors, and Linear Regression
1-Sep - 4-Sep	Statistical Analysis, Propagation of Errors, and Linear Regression, cont'd
8-Sep - 11-Sep	Force Table
15-Sep - 18-Sep	Acceleration Due to Gravity
22-Sep - 25-Sep	Conservation of Mechanical Energy
29-Sep - 2-Oct	Conservation of Linear Momentum
6-Oct - 9-Oct	Centripetal Force
13-Oct - 16-Oct	No Labs -- Fall Break Oct 15 & 16
20-Oct - 23-Oct	Boyle's Law
27-Oct - 30-Oct	Simple Harmonic Motion
3-Nov - 6-Nov	Standing Waves
10-Nov - 13-Nov	Refraction
17-Nov - 20-Nov	Simple Lenses
24-Nov - 27-Nov	No Labs --Thanksgiving Holidays Nov 26 & 27
1-Dec	Lab Final/Makeup
2-Dec	Study Period

The laboratory manual for Physics 221 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.