

Schedule for the Physics 2BL - Winter 2003

Lectures take place from 9:00 to 9:50 AM in 2005 Warren Lecture Hall

Week	Exp.	Date	Nominal Lecture Topic	Assignment (Due in laboratory section)
1		M 6 Jan W 8 Jan	Measurements and Variability Propagation of Errors	Taylor: Skim chaps 1 & 2 and read chapt 3.
2	1	M 13 Jan W 15 Jan	The Skinny on Experiment 1 (Deduce mean density of Earth) Histograms and Distributions	Taylor: Hand in probs 3.10, 3.28, 3.36 & 3.41; read chapt 4. Lab: Complete error analysis in proposal for Exp. 1.
3		M Holiday W 22 Jan	The Gaussian Distribution	Taylor: Hand in probs 4.6, 4.14, 4.18 & 4.26; read chaps 5 & 6. Lab: Hand in report on Exp. 1.
4	2	M 27 Jan W Away	The Skinny on Experiment 2 (Deduction of mass distributions)	Taylor: Hand in probs 5.2, 5.6, 5.20 & 5.36. Lab: Complete proposal for Exp. 2.
5		M 3 Feb W 5 Feb	R^2 and Least Squares Fitting	Taylor: Hand in prob 6.4; read chaps 7 to 9. Lab: Hand in report on Exp. 2.
6	3	M 10 Feb W 12 Feb	The Skinny on Experiment 3 (Design a shock absorber) χ^2 and Hypothesis Testing	Taylor: Hand in probs 7.2, 8.6 & 8.10; read chapt 12. Lab: Complete proposal for Exp. 2.
7		M Holiday W 19 Feb	The Skinny on Experiment 4 (Calibrate a voltmeter)	Taylor: Hand in probs 8.24, 9.14, 12.3 & 12.14. Lab: Hand in report on Exp. 3.
8	4	M Away W Away		Lab: Complete proposal for Exp. 4.
9		M Away W 5 Mar		Lab: Hand in report on Exp. 4.
10		M 12 Mar	Final Exam (9:00 to 9:50 in 2005 WLH)	

There will be a review and homework problem session run by the TAs every Friday.