

Week	Lecture Number	Date	Day of Week	Topic	Text Reading	HWK Due
1	1	14-Jan-2008	M	Introduction, Engineering Problem Solving	Eide Ch. 2 (1-13)	
	No Lab	15-Jan-2008	T	No Lab (Find your UWYO & ESIG computer accounts/passwords)		
	2	16-Jan-2008	W	More Problem Solving Details	Eide Ch. 2 (1-13)	Set #00
2	No Class	21-Jan-2008	M	Equality Day Holiday, No Classes		
	No Lab	22-Jan-2008	T			
	3	23-Jan-2008	W	Significant Digits, Accuracy and Precision	Eide Ch. 4 (59-66)	Set #01
3	4	28-Jan-2008	M	Errors and Approximations	Eide Ch. 4 (66-76)	Set #02
	Lab #1	29-Jan-2008	T	Introduction to Microsoft Word		
	5	30-Jan-2008	W	Dimensions, Units and the SI	Eide Ch. 5 (79-92)	Set #03
4	6	4-Feb-2008	M	US Customary Units and Conversions	Eide Ch. 5 (92-99)	Set #04
	Lab #2	5-Feb-2008	T	Introduction to Microsoft Excel	Gott Ch. 1 & 2 (196-229)	
	7	6-Feb-2008	W	Collecting and Recording Data, Graphic Presentation	Eide Ch. 3 (21-39)	Set #05
5	8	11-Feb-2008	M	Review for Exam / Computing with Excel	Gott Ch. 2 (230-250)	
	Lab #3	12-Feb-2008	T	Linear and Log Plotting with Microsoft Excel	Gott Ch. 4 (283-328)	
	9	13-Feb-2008	W	Exam #01		
6	10	18-Feb-2008	M	Curve Fitting Methods	Eide Ch. 3 (39-50)	
	Lab #4	19-Feb-2008	T	Parametric Functions and Tabulated Data in Excel	Gott Ch. 3 (258-282)	
	11	20-Feb-2008	W	Finish Linear Least Squares Curve Fitting	Gott Ch. 9 (435-481)	Set #06
7	12	25-Feb-2008	M	Data Characteristics (Statistics)	Eide Ch. 6 (104-114)	Set #07
	Lab #5	26-Feb-2008	T	Curve Fitting and Least Squares Computations with Excel	Gott Ch. 9	
	13	27-Feb-2008	W	Finish Data Characteristics and Least Squares Summary	Eide Ch. 6 (114-137)	Set #08
8	14	3-Mar-2008	M	Linear Versus Nonlinear Equations / Solving Eqtns of One Var.	Gott Ch. 10 (490-502)	
	Lab #6	4-Mar-2008	T	Frequency Analysis of Measured Data with Excel	Gott Ch. 8 (410-431)	
	15	5-Mar-2008	W	Review for Exam		Set #09
9	16	10-Mar-2008	M	Exam #02		
	Lab #7	11-Mar-2008	T	Summary Representation of Data with Excel		
	17	12-Mar-2008	W	Multiple Linear Equations of Many Unknowns, Matrices	Gott Ch. 11 (520-535)	Set #10
	No Class	17-Mar-2008	M	Spring Break: No Classes		
	No Class	18-Mar-2008	T			
	No Class	19-Mar-2008	W			
10	18	24-Mar-2008	M	Multiple Nonlinear Equations of Many Unknowns	Gott Ch. 11 (537-545)	Set #11
	Lab #8	25-Mar-2008	T	Solving Single Variable Equations with Excel, Intro Macros	Gott Ch. 10 (501-514)	
	19	26-Mar-2008	W	Making Logical Decisions in Excel Formulas	Gott Ch. 13 (553-558)	Set #12
11	20	31-Mar-2008	M	Excel Macros, Recording and Editing	Gott Ch. 14 (563-585)	Set #13
	Lab #9	1-Apr-2008	T	Solving Complex Systems of Equations	Gott Ch. 10 and 11	
	21	2-Apr-2008	W	VBA Basics	Shepherd Ch. 1 and 2	Set #14
12	22	7-Apr-2008	M	Review for Exam / More VBA	Examples	Set #15
	Lab #10	8-Apr-2008	T	Macros and the Visual Basic Editor with Excel	Shepherd Ch. 1 and 2	
	23	9-Apr-2008	W	Exam #03		
13	24	14-Apr-2008	M	Modules, Functions, Subroutines, Flowcharting Concepts	Shepherd Ch. 3, Eide J	
	Lab #11	15-Apr-2008	T	Advanced Macros and Visual Basic with Excel		
	25	16-Apr-2008	W	Decisions and Looping in VBA	Shepherd Ch. 4 and 6	Set #16
14	26	21-Apr-2008	M	More Decisions and Looping in VBA	Shepherd Ch. 4 and 6	Set #17
	Lab #12	22-Apr-2008	T	Looping and Decision Making in Macros	Shepherd Ch. 8	
	27	23-Apr-2008	W	Advanced VBA / Review for Lab Final	Shepherd Ch. 5 and 7	Set #18
15	28	28-Apr-2008	M	Finish Visual Basic with Excel		Set #19
	Lab Final	29-Apr-2008	T	Lab Final Exam		
	29	30-Apr-2008	W	Review for Course Final		
	Final Exam	9-May-2008	F	Course Final Exam (8-10am, Location TBA)		