Course Schedule Elementary Statistics Math 135

Date (week of)	Topic	Text Chapter	Homework Assignment (not to be turned in)
25 Aug	1. Introduction to Statistics 2. Probability Definitions	1.1, 5.1, 5.2, 6.1	P10, #28 to 41, 47 P11, #52 P261, #9,12, 20- to 40 P274 #25 to 42 P323 #7 to 10
2 Sep	3. Problem Session 4. Counting Techniques	5.2 to 5.5	P261, #13 to 19 P274, #25 to 42 P282, #11 to 16 P290, #11 to 19 P304, #1 to 50
8 Sep Monday	***Graded Homework Set #1 due by 4 p.m.***		***By Fax, E-mail, or Drop off at Math Dept***
8 Sep	5. Binomial Probabilities and Binomial Experiments 6. Binomial Examples and Normal Probabilities	6.1, 6.2	P324, #19,20 (calculate μ and σ) P340,#7 to 28, 42, 43
15 Sep	7. The Standard Normal Table	7.1, 7.2	P368, #19 to 22, 29 P381, #5 to 10, 15 to 20
22 Sep	8. Sampling and the Central Limit Theorem 9. Standardizing Examples	7.3, 8.1,8.2	P390, #3 to 12, 17,18 P431, #11,12 P440,#15,18
29 Sep Monday	***Graded Homework Set #2 due by 4 p.m.***		***By Fax, E-mail, or Drop off at Math Dept***
29 Sep	10. Visual Data 11. Measures of Dispersion	2.1 to 2.4, 3.1,3.2,3.4	P67,#9,12,27 P89,#15; P94,#40,43
6 Oct	12. Data Analysis, Outliers and IQR	3.5,2.2,2.3	P116,#15,16 P181,#5,6; P183,#15
13 Oct	13. Introduction to Confidence Intervals	7.5,9.1	P406,#21,23 P460,#25,30,36
20 Oct Monday	***Graded Homework Set #3 due by 4. p.m.***		***By Fax, E-mail, or Drop off at Math Dept***
20,21,22 Oct	***Performance Opportunity #1 (on-line test) Multiple Choice. Solutions to be e-mailed by 4***		

	p.m. 22 Oct 2008		
23 Oct (Thursday beginning)	14. Estimation of Means and Proportions 15. Confidence Intervals 16. Sample Size	9.1 to 9.3	P459,#17,18 P463,#38,39,40 P484,#12a,c,d; 17
30 Oct	17. Hypothesis Testing with one mean 18. Hypothesis Testing with p-values	10.1 to 10.3	P511,#9 to 18 P512,#35,36 P527,#11,12,19,20 P539,#18,19
5 Nov Wednesday	***Graded Homework Set #4 due by 4 p.m.***		***By Fax, E-mail, or Drop off at Math Dept***
6 Nov	19. Hypothesis Testing with Proportions 20. Hypothesis Testing Small Samples 21. Non-Standard Hypothesis Testing	10.4,10.7 11.1,11.3	P550,#3 to 11 P528,#23b, 24b Handout on line for Non Standard Hypothesis Testing
13 Nov	22., 23., and 24. Inferences about 2 means and Two Proportions	11.2, 11.3	P596,#6,9,14 P609,#3,4,5,16a
19 Nov Wednesday	***Graded Homework Set #5 due by 4 p.m.***		***By Fax, E-mail, or Drop off at Math Dept***
19,20,21 Nov	***Performance Opportunity #2 (on-line test) Multiple Choice. Solutions to be e-mailed by 4 p.m. 21 Nov***		
24 Nov	25. Linear Regression 26. Linear Correlation	4.1 to 4.3	P203,#11 to 14 P206,#27,28 P223,#21,22 P236,#21a; P238,30a,b
2 Dec Tuesday	***Graded Homework Set #6 due by 4 p.m.***		***By Fax, E-mail, or Drop off at Math Dept***
3,4,5 Dec	27. Course Review and Practice Final Exam	On-line	
5 to 10 Dec	***Final Examination in***		***The Final Exam will be in the testing center as of 8 a.m. on***

	College Testing Center		***5 Dec 2008. You must take the final prior to 6 p.m. on 10 Dec 2008. When your are ready, go to the testing center on Arnold Campus or Arundel Mills. You may bring a calculator, an 8.5" by 11" sheet of notes, and the tables in the back of the book to use on the Final Exam. You will have 2.5 hours to complete the exam.***