

Course Schedule – Summer 2009 (Course Work 26 May to July 2—Final Exam July 2 on campus testing center, or by other arrangement)

This is an accelerated summer class and work must be done promptly, with enthusiasm, and submitted in a timely manner.

A graded homework set of problems is due approximately at least every week.

Date 2008	Topic, Lesson and CD number	Text Chapter	Page # and Problem # for Ungraded Homework Problems
May 26 to June 1	1. Introduction to Statistics 2. Probability Definitions 3. Problem Session 4. Counting Techniques and Binomial Probabilities	1.1, 1.2, 3.1,5.1 to 5.5, 6.1	p10,#28 to 41,47; p11,#52 ; p261,#9,12,20 to 40; p274#25 to 42;p323#7 to 10 p261,#13 to 19; p274,#25 to 42; p282,#11 to 16 p290,#11 to 19; p304,#1 to 50
1 June, Monday	Graded Homework Set #1	Due by 10 a.m.	Send by scanned pdf to dropbox
June 2 to June 8	5. Binomial Probabilities and Binomial Experiments 6. Binomial Examples and Normal Probabilities 7. The Standard Normal Table 8. Sampling and the Central Limit Theorem 9. Standardizing Examples	6.1, 6.2 7.1,7.2 7.3,8.1,8.2	p324,#19,20, calculate μ and σ) p340,#7 to 28, 42, 43 p368,#19 to 22, 29 p381,#5 to 10, 15 to 20 p390,#3 to 12, 17,18 p431,#11, 12 p440,#15,18
8 June Monday	Graded Homework Set #2	Due by 10 a.m.	Send by scanned pdf to dropbox
June 8 to June 12	10. Visual Data 11. Measures of Dispersion 12. Data Analysis, Outliers and IQR (No CD video#13 required)	2.1 to 2.4 3.1,3.2,3.4 3.5,2.2,2.3	p67,#9,12,27 p89,#15; p94,#40, 43 p116,#15,16 p181,#5,6; p183,#15
12 June Friday	Graded Homework Set #3	Due by 10 a.m.	Send by scanned pdf to dropbox
<u>June 12,13,14</u>	<u>Performance Opportunity #1 (Multiple choice,</u>	<u>Due by 10 a.m Monday 15 June</u>	<u>E-mail your results: Example: 1a, 2c, 3b etc</u>

	<u>short answer formal) OnLine</u>		
15June to 22 June	14. Estimation of Means and Proportions 15. Confidence Intervals 16. Sample Size 17. Hypothesis Testing with one mean 18. Hypothesis Testing with p-values	9.1 to 9.3 10.1 to 10.3	p459,#17,18 p463,#38,39,40 p484,#12a,c,d, 17 p511,#9 to 18 p512,#35,36 p527,#11,12,19,20 p539,#18,19
22 June Monday	Graded Homework Set #4	Due by 10 a.m.	Send by scanned pdf to dropbox
22 June to 26June	19. Hypothesis Testing with Proportions 20. Hypothesis Testing Small Samples 22, 23, 24 Inferences about two means and two proportions	10.1,10.3,10.4,10.7 11.1, 11.2,11.3	p550,#3 to 11 p528,#23b,24b p596,#6,9,14 p609,#3,4,5,16a
26 June Friday	Graded Homework Set #5	Due by 10 a.m.	Send by scanned pdf to dropbox
<u>June 26,27,28 Friday, Saturday, Sunday</u>	<u>Performance Opportunity #2 (Multiple Choice,short answer format) OnLine</u>	<u>Due by 10 a..m. Monday 29 June</u>	<u>E-mail your results</u>
June 29 to 1 July	25. Linear Regression 26. Linear Correlation 27. Course Review	4.1 to 4.3	p203,#11 to 14 p206,#27,28 p223,#21,22 p236,#21a p238,#30a,b
1 July, Wednesday	Graded Homework Set #6	Due by 10 a.m.	Send by scanned pdf to dropbox
<u>JULY 2 Thursday</u>	<u>Final Examination AACC Testing Centers</u>	<u>On Campus or Arundel Mills or by special arrangement for out of county students</u>	