

Tuesday August 22 Text: <i>Dekking, et al.</i> "A Modern Introduction to Probability and Statistics"	Thursday August 24  Outcomes, Events, and Probability  Sections 1 and 2	Tuesday August 29  Conditional Probability and Independence  Section 3	Thursday August 31  Discrete and Continuous Random Variables  Sections 4 and 5
September 5  Simulation  Section 6	September 7  Expectation and Variance  Section 7	September 12  <b>Exam 1 Probability</b>  Sections 1-7	September 14  Computations with Random Variables  Section 8
September 19  Joint Distributions, Independence, Covariance, Correlation Section 9 and 10	September 21  More Computations with Random Variables  Section 11	September 26  The Poisson Process  Section 12	September 28  The Law of Large Numbers  Section 13
October 3  The Central Limit Theorem  Section 14	October 5  Data Analysis: Graphical Summaries Numerical Summaries Sections 15 and 16	October 10  <b>Exam 2 Random Variables</b> Mid-Semester Sections 8-16	October 12  Basic Statistical Models  Section 17
October 17  Fall Break	October 19  The Bootstrap  Section 18	October 24  Unbiased Estimators  Sections 19	October 26  Efficiency and Mean Squared Error  Section 20
October 31  Maximum Likelihood  Section 21	November 2  The Method of Least Squares  Section 22	November 7  Confidence Intervals for the Mean  Section 23	November 9  <b>Exam 3 Statistical Modeling</b>  Sections 17-23
November 14  More on Confidence Intervals  Section 24	November 16  Testing Hypotheses: Essentials  Section 25	November 21  Testing Hypotheses: Elaboration  Section 26	November 23  Thanksgiving
November 28  The t-Test  Section 27	November 30  Comparing Two Samples  Section 28	December 5  Course Review	Text: <i>Dekking, et al.</i> "A Modern Introduction to Probability and Statistics"
Dec 8 (Fri)  <b>Final Exam</b> Dec 8, Fri, 9-11 am  Sections 1-28	<b>Stat 255 Statistical Modeling</b> TTh 2-3 PM Parrish, Fall 2006	<b>Grading Scheme:</b> exams homework final exam total:	points 60 points 20 points 20 points 100 points