

Tentative Course Schedule

<i>Week and Dates</i>	<i>Section Coverage</i>	<i>Topics</i>
Week 1 June 17-18	5.1 5.2-5.3 5.4	Sets Venn Diagrams and Counting The Multiplication Principle Quiz 1
Week 2 June 22-25	5.5-5.6 5.7 5.8 6.1-6.2	Permutations and Combinations The Binomial Theorem Multinomials Sample Spaces, Assigning Probability Quiz 2, Presentation 1
Week 3 June 29-Jul 1	6.3 6.4 6.5-6.6 7.2 7.3	Probability Using Counting Conditional Probability and Independence Tree Diagrams and Bayes' Theorem Probability Distributions Binomial Trials Exam 1, Quiz 3, Presentation 2
Week 4 July 6-9	7.4 7.5 7.6 7.7 2.1 2.2	Mean Variance The Normal Distribution Normal Approximation to the Binomial Introduction to Gauss-Jordan Elimination Gauss-Jordan Elimination Quiz 4, Exam 2, Quiz 5, Presentation 3
Week 5 July 13-16	2.3 2.4 2.5 3.1-3.3 8.1-8.2	Matrix Operations Matrix Inverse Matrix Inverse (Applications) Linear Programming Markov Chains Quiz 6, Presentation 4, Exam 3
Week 6 July 20-21	9.1 9.2-9.3	Game Theory Pure and Mixed Strategy Games Quiz 7, Presentation 5
July 24	Final Exam	On MyMathLab 6am-11:59pm, 2hr 50min time limit, one sitting, no cooperation, must start by 9:10pm EST to have full time.