Week of	Sections covered	Topics covered	Assignment due
August 17th	5.1, 5.2	Sets, basic counting principles	HW1 (Fri)
August 24th	5.3, 5.4	Venn diagrams, the multiplication rule	Quiz 1 (Thurs) & HW2 (Fri)
August 31st	5.5, 5.6	Permutations and combinations, further counting techniques	Quiz 2 (Thurs) & HW3 (Fri)
September 7th	5.7, 5.8	The binomial theorem, partitions and multinomial coefficients	Quiz 3 (Thurs) & HW4 (Fri)
September 14th ***Exam 1 (9/17)***	6.1-6.2, 6.3	Experiments, outcomes, sample spaces, and events; probability	**Exam 1 (Thurs)** & HW5 (Fri)
September 21st	6.4, 6.5-6.6	Conditional probability; probability trees, Bayes' theorem	Quiz 4 (Thurs) & HW6 (Fri)
September 28th	7.2, 7.3	Probability distributions; binomial trials	Quiz 5 (Thurs) & HW7 (Fri)
October 5th	7.4, 7.5	Mean and variance, standard deviation	Quiz 6 & HW 8
October 12th	7.6, 7.7	Normal distribution, and the approximation of binomial distribution by the normal distribution	Quiz 7 & HW 9
October 19th	2.1-2.2, 2.3	Solving linear equations with a unique solution, no solution, or infinitely many solutions; matrices and matrix operations	Quiz 8 & HW 10
October 26th ***Exam 2 (10/30)***	2.4-2.5, Ch3	Matrix inverses, Gauss-Jordan elimination; linear programming	Exam 2 (Thurs) & HW11
November 2nd	8.1-8.2, 8.3	The transition matrix, regular and absorbing stochastic matrices	Quiz 9 & HW12
November 9th	Chapter 9	Game theory; mixed strategies and optimal mixed strategies	Quiz 10 & HW13
November 16th	TBD		Quiz 11
November 23rd	TBD		*Review for Final on* ***MyLab*** (Thanksgiving Break)
November 30th	TBD		(The week before finals)