

DATE	BOOK	TOPIC AND HOMEWORK FOR NEXT CLASS
Mon 1.5	7.3	Basics of finite probability p. 371) 3, 4, 6, 13, 15, 16
Wed 1.7	7.4	Inclusion-exclusion rules p. 371) 19, 21, 25, 26, 29, 30, 31, 33, 35, 37, 39 p. 382) 9, 11, 15, 17, 21, 22, 55, 61
Fri 1.9	7.5	Conditional probability p. 401) 1, 3-7, 9, 11, 16-21, 29-30 First set of "Bag of marbles" problems on Blackboard
Mon 1.12	7.6	Bayes' Law p. 413) 1-3, 5, 7, 9, 16-21
Wed 1.14	8.1, 8.2	Permutations and combinations p. 439) 5, 9, 11, 12, 13, 24, 29, 33, 37, 47-49 p. 449) 2, 6, 7, 9, 10-12, 17, 20-22, 39, 41, 42, 43
Thu 1.14		Quiz 1
Fri 1.15		Hypergeometric distributions p. 439) 20-23
Mon 1.19		Holiday - MLK
Wed 1.21	8.3	More combinatorics p. 463) 2-4, 7-12, 20-23, 29, 37, 39, 43, 44 Second set of "Bag of marbles" problems on Blackboard
Thu 1.22		Quiz 2
Fri 1.23	8.4	Binomial distributions p. 472) 1, 7, 9, 11-14, 16, 33-36
Mon 1.26		Basics of continuous probability "Continuous probability" problems on Blackboard
Wed 1.28	9.1, 9.2	Measures of central tendency and variation p. 511) 1, 7, 15, 17, 19, 23, 25 p. 524) 3, 5, 7
Thu 1.29		Quiz 3
Fri 1.30	9.3	Normal distributions p. 537) 5, 7, 22-28, 33-38,
Mon 2.2	9.4	Normal approximation to binomial distributions p. 546) 3, 7, 11, 13, 17, 21, 23, 27
Wed 2.4		Review for Exam 1
Thu 2.5		Quiz 4
Fri 2.6		Exam 1: covers 7.3-7.6, 8.1-8.4, 9.1-9.4
Mon 2.9	8.5	Random variables and expected value p. 485) 1-4, 9, 19b, 20b, 22, 35, 47, 49-51
Wed 2.11	1.1	Linear equations p. 15) 1, 3, 5, 9, 11, 13, 17-19, 25, 29, 33, 39-42, 45, 49, 52-53, 58
Thu 2.12		Quiz 5
Fri 2.13	1.3	Least-squares line fitting (<i>Last Day to Drop</i>) p. 41) 3, 9, 11, 15

DATE	BOOK	TOPIC AND HOMEWORK FOR NEXT CLASS
Mon 2.16	2.1	Systems of Linear Equations p. 65) 1, 3, 5, 13, 36-37
Wed 2.18	2.1, 2.2	More on systems of linear equations p. 80) 1, 7, 11
Thu 2.19		Quiz 6
Fri 2.20	2.2	Gaussian elimination p. 80) 17, 19, 25, 29, 37
Mon 2.23	2.2	Degenerate systems of equations p. 65) 15, 31-33 p. 80) 27, 31, 33, 39
Wed 2.25	2.3, 2.4	Matrix operations p. 91) 21, 24, 31 p. 103) 1, 5, 7-15, 17, 18, 23, 24, 27, 31
Thu 2.26		Quiz 7
Fri 2.27	10.1	Markov chains p. 564) 1, 3, 5, 6, 9-12, 14-15, 1, 19, 20, 30-31, 33
Mon 3.2	10.2	Markov chains p. 575) 1, 3, 5-7, 11, 13, 15, 27, 31, 39 (in this problem suppose $n = 3$)
Wed 3.4		More on Markov chains "Markov chain" problems on Blackboard
Thu 3.5		Quiz 8
Fri 3.6		Review for Exam 2
Mon 3.9		Exam 2: covers 8.5, 1.1, 1.3, 2.1-2.4, 10.1-10.2
Tue 3.10		No discussion section - Reading period
Wed 3.11		No class - Reading period
Fri 3.13		No class - Reading period
Mon 3.16		Final Exam: 9-11 AM in Tech M128; cumulative