

Class Schedule and Homework Assignments

Jan. 15	Solving Systems of Linear Equations 2.1 17, 19, 25, 27, 31, 37, 39
	Solving Systems of Linear Equations 2.2 9, 15, 23, 27, 29, 30, 33, 35, 37
Jan. 17	Operations on Matrices 2.3 15, 17, 21, 27, 33, 37
Jan. 22	Operations on Matrices 2.3 45, 47, 49, 51
Jan. 24	The Inverse of a Matrix 2.4 11, 15, 16, 17, 19, 31
Jan. 29	Input-Output Analysis 2.6 5, 6, 7, 8, 11, 12, 13, 14, 15, 16
Jan. 31	Sets and A Fundamental Principle of Counting 5.2 1, 3, 5, 9, 11, 13, 15, 17
Feb. 5	Venn Diagrams and Counting 5.3 5, 7, 13, 15, 17, 19, 23, 25, 41, 43, 45
	The Multiplication Principle 5.4 11, 17, 19, 21, 23, 25, 31, 33, 37, 52
Feb. 7	Permutations and Combinations 5.5 5, 7, 11, 21, 25, 27, 31, 33, 39, 41, 52, 59, 76
Feb. 12	Further Counting Problems 5.6 5, 6, 7, 10, 11, 13, 14, 17, 19, 23, 26, 31, 37, 46
Feb. 14	TEST #1
Feb. 19	Experiments, Outcomes and Events 6.2 1, 3, 7, 9, 11, 15, 19, 25
	Assignment of Probabilities 6.3 1, 3, 5, 7, 9, 17, 19, 23
Feb. 21	Calculating Probabilities of Events

	6.4	1, 3, 7, 9, 13, 15, 17, 19, 21, 22, 29
Feb. 26		Conditional Probability and Independence
	6.5	1, 2, 3, 5, 7, 9, 11, 12, 13, 15, 17, 21, 23, 31, 37
Feb. 28		Tree Diagrams
	6.6	4, 6, 7, 8, 12, 13, 14, 15, 18, 21, 29, 30, 36
Mar. 4		Frequency and Probability Distributions
	7.2	1, 7, 9, 11, 21
		Binomial Trials
	7.3	1, 3, 5, 7, 9, 13, 19
Mar. 6		The Mean
	7.4	1, 7, 9, 11, 17, 23, 25, 27, 31
Mar. 18		The Variance and Standard Deviation
	7.5	1, 5, 7, 8, 15, 23, 24
Mar. 20		The Normal Distribution
	7.6	9, 11, 12, 23, 24, 25, 26
Mar. 25		The Normal Distribution
	7.6	27, 29, 31, 33, 35, 41
Mar. 27		TEST #2
Apr. 1		The Transition Matrix
	8.1	1, 7, 9, 10, 11, 13, 14, 15
Apr. 3		Regular Stochastic Matrices
	8.2	5, 7, 14, 15, 16, 18
Apr. 8		Absorbing Stochastic Matrices
	8.3	3, 5, 7, 12, 13, 14, 15, 16, 17
Apr. 10		Interest
	10.1	1, 5, 7, 9, 11, 15, 19, 23, 37, 39, 49, 55
		Annuities
	10.2	1, 5, 7, 9, 11, 15, 17
Apr. 15		Annuities
	10.2	19, 21, 25, 27, 35, 41

Amortization of Loans
10.3 1, 3, 5, 7, 11, 13

Apr. 17 Amortization of Loans
10.3 17, 19, 21, 25, 27, 29

Personal Financial Decisions
10.4 3, 4, 5, 6, 7, 8

Apr. 22 Personal Financial Decisions
10.4 21, 23, 25, 27, 29, 31, 33, 39, 43, 44, 45, 46, 47, 48

Apr. 24 **TEST #3**

Apr. 29 Review for Final