MWF Class Schedule and Homework Assignments

Homework problems for this course are available only using the online WebAssign system at www.webassign.net.

Jan. 12  2.1 Solving Systems of Linear Equations
        Problems:  17, 19, 25, 27, 31, 37, 39

Jan. 14  2.2 Solving Systems of Linear Equations
        Problems:  9, 15, 23, 27, 29, 30, 33, 35, 37

Jan. 16  2.3 Operations on Matrices
        Problems:  15, 17, 21, 27, 33, 37

Jan. 19  Martin Luther King Day, No Classes

Jan. 21  2.3 Operations on Matrices
        Problems:  45, 47, 49, 51

Jan. 23  2.4 The Inverse of a Matrix
        Problems:  11, 15, 16, 17, 19, 31

Jan. 26  2.6 Input-Output Analysis
        Problems:  8, 11, 12, 13, 15

Jan. 28  2.6 Input-Output Analysis
        Problems:  5, 6, 7, 14, 16

Jan. 30  5.2 Sets and A Fundamental Principle of Counting
        Problems:  1, 3, 5, 9, 11, 13, 15, 17

Feb.  2  5.3 Venn Diagrams and Counting
        Problems:  5, 7, 13, 15, 17, 19, 23, 25, 41, 43, 45

Feb.  4  5.4 The Multiplication Principle
        Problems:  11, 17, 19, 21, 23, 25, 31, 33, 37, 52

Feb.  6  5.5 Permutations and Combinations
        Problems:  5, 7, 11, 21, 25, 27, 31, 33, 39, 41, 52, 59, 76

Feb.  9  5.6 Further Counting Problems
        Problems:  5, 6, 7, 10, 11, 13, 14, 17, 19, 23, 26, 31, 37, 46

Feb. 11  5.6 Further Counting Problems

Feb. 13  **TEST #1**

Feb. 16  6.2 Experiments, Outcomes and Events
        Problems:  1, 3, 7, 9, 11, 15, 19, 25
Feb. 18  6.3 Assignment of Probabilities
   Problems:  1, 3, 5, 7, 9, 17, 19, 23
Feb. 20  6.4 Calculating Probabilities of Events
   Problems:  1, 3, 7, 9, 13, 15, 17, 19, 21, 22, 29
Feb. 23  6.5 Conditional Probability and Independence
   Problems:  1, 2, 3, 5, 7, 9, 11, 12, 13
Feb. 25  6.5 Conditional Probability and Independence
   Problems:  15, 17, 21, 23, 31, 37
Feb. 27  6.6 Tree Diagrams
   Problems:  4, 6, 7, 8, 12, 13, 14
Mar. 2   6.6 Tree Diagrams
   Problems:  15, 18, 21, 29, 30, 36
Mar. 4   7.2 Frequency and Probability Distributions
   Problems:  1, 7, 9, 11, 21
Mar. 6   7.3 Binomial Trials
   Problems:  1, 3, 5, 7, 9, 13, 19
Mar. 9 – 13  Spring Break
Mar. 16  7.4 The Mean
   Problems:  1, 7, 9, 11, 17, 23, 25, 27, 31
Mar. 18  7.5 The Variance and Standard Deviation
   Problems:  1, 5, 7, 8, 15, 23, 24
Mar. 20  7.6 The Normal Distribution
   Problems:  9, 11, 12, 23, 24, 25, 26
Mar. 23  7.6 The Normal Distribution
   Problems:  27, 29, 31, 33, 35, 41
Mar. 25  TEST #2
Mar. 27  8.1 The Transition Matrix
   Problems:  1, 7, 9, 10, 11, 13, 14, 15
Mar. 30  8.2 Regular Stochastic Matrices
   Problems:  5, 7, 14, 15, 16, 18
Apr. 1   8.3 Absorbing Stochastic Matrices
   Problems:  3, 5, 7, 12, 13, 14, 15, 16, 17
Apr. 3   10.1 Interest
   Problems:  1, 5, 7, 9, 11, 15, 19, 23, 37, 39, 49, 55
Apr. 6 10.2 Annuities
Problems: 1, 5, 7, 9, 11, 15, 17

Apr. 8 10.2 Annuities
Problems: 19, 21, 25, 27, 35, 41

Apr. 10 Good Friday, No Classes

Apr. 13 10.3 Amortization of Loans
Problems: 1, 3, 5, 7, 11, 13

Apr. 15 10.3 Amortization of Loans
Problems: 17, 19, 21, 25, 27, 29

Apr. 17 10.4 Personal Financial Decisions
Problems: 3, 4, 5, 6, 7, 8

Apr. 20 10.4 Personal Financial Decisions
Problems: 27, 29, 39, 43, 44

Apr. 22 10.4 Personal Financial Decisions
Problems: 21, 23, 25, 31, 33, 45, 46, 47, 48

Apr. 24 TEST #3

Apr. 27 Review for Final

May 4 Final Exam is given sometime between 8:00 AM and 2:30 PM. Exact time TBA