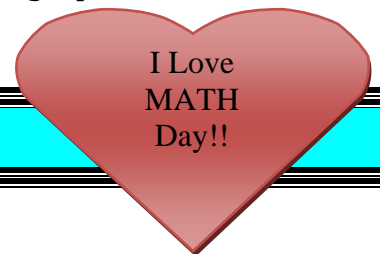


Math 12 -- Applications of Mathematics

February 2008

| Count | Date | Subject and Homework |
|-------|-----------|---|
| 84 | M, Feb 4 | -- Experimental and Theoretical Probability -- p.10 #1-10 |
| 83 | T, Feb 5 | * Generating and Using Sample Space -- P.17 #1-9 |
| 82 | W, Feb 6 | * Fundamental Counting Principle -- P.23 #1-10 |
| 81 | T, Feb 7 | * Independent and Dependant Events -- P.31 #1-9 |
| 80 | F, Feb 8 | * Mutually Exclusive Events -- P.37 #1-10 |
| 79 | M, Feb 11 | * Review -- P.43 and Unit Review Package |
| 78 | T, Feb 12 | * Review -- Continue Review |
| 77 | W, Feb 13 | * Test #1 - Probability |
| 76 | T, Feb 14 | * Adding Matrices and Multiplying by a Scalar -- p.55 #1-9 |
| | F, Feb 15 | * NO SCHOOL |



| Count | Date | Subject and Homework |
|-----------|------------------|--|
| 75 | M, Feb 18 | * Multiplying Matrices -- p.64 #1-9 |
| 74 | T, Feb 19 | * Adding and Multiplying Matrices [Provincial Prep.] -- Handout |
| 73 | W, Feb 20 | * Solving Network Problems -- P.76 #1-6 |
| 72 | T, Feb 21 | * Solving Transition Matrices -- P.83 #1-9 |
| 71 | F, Feb 22 | * Review -- p. 90 #1-10 and Unit Review Package |
| 70 | M, Feb 25 | * Review -- Continue Review |
| 69 | T, Feb 26 | * Test #2 - Matrices |
| 68 | W, Feb 27 | * Distributions -- p. 102 #1-8 |
| 67 | T, Feb 28 | * Mean and Standard Deviations [Formulae and TI83-plus] -- P.108 #1-9 |
| 66 | F, Feb 29 | * Mean and Standard Deviations [Formulae and TI83-plus] -- P.108 #1-9 |
| 65 | M, Mar 3 | * Normal Distribution [68-95-99.7 Rule] -- P.116 #1-9 |

| Count | Date | Subject and Homework |
|-------|---------------|--|
| 64 | T, Mar 4 | * Normal Distribution [68-95-99.7 Rule] -- P.116 #1-9 |
| 63 | W, Mar 5 | * Work Period |
| 62 | T, Mar 6 | * Standard Normal Distribution -- P.123 #1-9 |
| 61 | F, Mar 7 | * Standard Normal Distribution -- p.123 #1-9 |
| 60 | M, Mar 10 | * Review -- p. 145 #2-7 |
| 59 | T, Mar 11 | * Review -- p. 145 #2-7 |
| 58 | W, Mar 12 | * Test #3 -- Statistics |
| 57 | T, Mar 13 | * Investing Money/ Spreadsheets/ TVM Solver -- p. 158 #1, 3, 5, 6 |
| 56 | F, Mar 14 | * Investing for the Future/ Spreadsheets/ TVM Solver -- TBA |
| | March 15 - 30 | * Spring Break, School Closure |
| 55 | M, Mar 31 | * Investment Portfolios -- p. 171 #1-7 |

| Count | Date | Subject and Homework |
|-------|-----------|---|
| 54 | T, Apr 1 | * Leasing - Spreadsheets/ TVM Solver -- p. 178 #1-3, 6-8 |
| 53 | W, Apr 2 | * Work Period |
| 52 | T, Apr 3 | * Mortgages - TVM Solver -- p. 187 #1-6 |
| 51 | F, Apr 4 | * Mortgages - TVM Solver -- Worksheet |
| 50 | M, Apr 7 | * Renting vs. Buying -- p. 194 #1-3 |
| 49 | T, Apr 8 | * Review -- p. 201 #2, 4-9 and Unit Review Package |
| 48 | W, Apr 9 | * Test #4 - Personal Finance |
| 47 | T, Apr 10 | * Collecting and Plotting Periodic Data -- p. 216 #1-7 |
| 46 | F, Apr 11 | * Radian Measure and Sine Curves -- p. Handout |
| 45 | M, Apr 14 | * Fitting Sine Curves to Data -- p. 229 #1-7 |
| 44 | T, Apr 15 | * Fitting Sine Curves to Data -- p. 229 #1-7 |

| Count | Date | Subject and Homework |
|-------|-----------|--|
| 43 | W, Apr 16 | * The Characteristics of $y = \text{asin}(bx + c) + d$ -- p. 238 #1-8 |
| 42 | T, Apr 17 | * Work Period |
| | F, Apr 18 | * Non-instructional Day |
| 41 | M, Apr 21 | * The Characteristics of $y = \text{asin}(bx + c) + d$ -- p. 238 #1-8 |
| 40 | T, Apr 22 | * Applications -- p. 244 #1-6 |
| 39 | W, Apr 23 | * Review -- p. 252 #2-6 and Unit Review Package |
| 38 | T, Apr 24 | * Test #5 - Sinusoidal Data |
| 37 | F, Apr 25 | * Vectors and Scalars |
| 36 | M, Apr 28 | * Adding Vectors Using Scale Diagrams -- p.318 #1-9 |
| 35 | T, Apr 29 | * Multiplying a Vector by a Scalar -- p.322 #1-4 |
| 34 | W, Apr 30 | * Solving a Vector Problem by Computation [Trigonometry] -- p.328 #1-8 |
| 33 | T, May 1 | * Work Period |

| Count | Date | Subject and Homework |
|-------|-----------|---|
| 32 | F, May 2 | * Solving a Vector Problem by Computation [Trigonometry] -- p.329 #1-8 |
| 31 | M, May 5 | * 3D Vector Problems -- p. 336 #1-4 and Handout |
| 30 | T, May 6 | * Review -- p. 341 #2-9 and Unit Review Package |
| 29 | W, May 7 | * Review -- p. 341 #2-9 and Unit Review Package |
| 28 | T, May 8 | * Test #6 -- Vectors |
| 27 | F, May 9 | * Geometry Package [2D and 3D Shape and Space] |
| 26 | M, May 12 | * Geometry Package [2D and 3D Shape and Space] |
| 25 | T, May 13 | * Geometry Package [2D and 3D Shape and Space] |
| 24 | W, May 14 | * Geometry Package [2D and 3D Shape and Space] |
| 23 | T, May 15 | * Geometry Package [2D and 3D Shape and Space] |
| 22 | F, May 16 | * Geometry Package [2D and 3D Shape and Space] |
| | M, May 19 | * NO SCHOOL [Victoria Day] |
| 21 | T, May 20 | * Geometry Package [2D and 3D Shape and Space] |
| 20 | W, May 21 | * Test #8 -- Geometry |
| 19 | T, May 22 | * Grad Ceremony |
| 18 | F, May 23 | * Prom |

| Count | Date | Subject and Homework |
|-------|-----------|--|
| 17 | M, May 26 | <ul style="list-style-type: none"> * Probability Review - Comprehensive Review: Probability [22 MC, 7 written] - June 2000: #40, 41, 43 - June 2001: None - June 2002: #29-36 |
| 16 | T, May 27 | <ul style="list-style-type: none"> * Matrices Review - Comprehensive Review: Matrices [24 MC, 3 written] - June 2000: #1-6 - June 2001: #1-5 - June 2002: #1-6 |
| 15 | W, May 28 | * Work Period |
| 14 | T, May 29 | <ul style="list-style-type: none"> * Statistics Review - Comprehensive Review: Statistics [18 MC, 2 written] - June 2000: None - June 2001: #22-25 - June 2002: None |
| 13 | F, May 30 | <ul style="list-style-type: none"> * Finance Review - Comprehensive Review: Finance [20 MC, 3 written] - June 2000: #7-13 - June 2001: #6,7 - June 2002: #7-11 |
| 12 | M, June 2 | * Work Period |

| Count | Date | Subject and Homework |
|-------|------------|---|
| 11 | T, June 3 | <ul style="list-style-type: none"> * Sinusoidal Data Review - Comprehensive Review: Sine Data [20 MC, 2 written] - June 2000: #18-23 - June 2001: #16,17 - June 2002: #18,19 |
| 10 | W, June 4 | <ul style="list-style-type: none"> * Vectors Review / Go Over Practice Exam - Comprehensive Review: Vectors [16 MC, 4 written] - June 2000: None - June 2001: None - June 2002: #23-28 |
| 9 | T, June 5 | * Work Period |
| 8 | F, June 6 | * Work Period |
| 7 | M, June 9 | * Practice Exam [Multiple Choice Only] |
| 6 | T, June 10 | * Work Period |
| 5 | W, June 11 | * Work Period |
| 4 | T, June 12 | * Final In-class Exam - Multiple Choice Portion |
| 3 | F, June 13 | * Final In-class Exam - Written Portion |
| 2 | M, June 16 | * Last Chance to ask Questions |
| 1 | T, June 17 | * Available for Extra Help |