## Math 5.001 (Redden) - Fall 2018

"eoo" stands for every other odd, or every 4th problem

| Week | Dates | Material | Quiz/Test | Homework |
| :---: | :---: | :---: | :---: | :---: |
| 1 | -- |  |  |  |
|  | 9/6 | Lines, linear models |  | 1.1: 7-56 eoo, 57, 58, 67, 69 |
| 2 | 9/11 | Linear systems | Quiz 1 | 3.1: 11-29 eoo |
|  | 9/13 | Linear systems |  | 3.1: 31-52 eoo |
| 3 | 9/18 | Row Reduction |  | 3.3: 25-40 eoo |
|  | 9/20 | Row Reduction | Quiz 2 |  |
| 4 | 9/25 | More Word Problems (3.3) |  | 3.3: $41,43,45,48$ |
|  | 9/27 | Word Problems, Review | Quiz 3 |  |
| 5 | 10/2 | Matrix Arithmetic |  | 3.4: 1-40 eoo, 41, 42, 45 |
|  | 10/4 | Microsoft Excel (Library 227) | Quiz 4 |  |
| 6 | 10/9 | Review |  |  |
|  | 10/11 | Test 1 (1.1, 3.1-3.3) | Test 1 |  |
| 7 | 10/16 | Matrix Arithmetic, Inverses |  | 3.5: 1-3, 9, 13, 15, 25, 29, 41, 43, 49 |
|  | 10/18 | Matrix Arithmetic, Inverses |  |  |
| 8 | 10/23 | LPs - Graphically |  | 4.1: 5, 7, 9, 13, 19, 23 |
|  | 10/25 | LPs - More Examples | Quiz 5 | 4.2: 11, 13, 15, 21, 25, 27, 32 |
| 9 | 10/30 | LPs - More Examples | Quiz 6 |  |
|  | 11/1 | Microsoft Excel (Library 227) | Quiz 7 | 4.3: 33, 34, 36 (all in Excel) |
| 10 | 11/6 | Simplex Method |  | 4.3: 1, 6, 9-15 odd, 17, 19, 23, 31 |
|  | 11/8 | Simplex Method |  |  |
| 11 | 11/13 | Simplex Method | Quiz 8 |  |
|  | 11/15 | Exp, Log, \& Interest |  | 1.5: $11,13,15,19,25,27,32$ |
| 12 | 11/20 | Exp, Log, \& Interest | Quiz 9 | 1.6: 1, 2, 3, 25, 27, 29 |
|  | 11/22 | Thanksgiving - No Class |  |  |
| 13 | 11/27 | Review | Quiz 10 |  |
|  | 11/29 | Test 2 |  |  |
| 14 | 12/4 | Exp, Log, \& Interest | Quiz 11 | 2.2: 19, 24, 25, 31-43 odd, 50 |
|  | 12/6 | Amortization - Last Class | Quiz 12 | Optional "Test 3" Excel Assignment |
| 12/11 Optional Review Session |  |  |  |  |
|  | 12/18 | Final Exam - 1:50p-4:30p |  |  |

