revised 8/18/2010

## Math 250 - Introduction to Linear Algebra

Text: Spence, Insel \& Friedberg Elementary Linear Algebra: A Matrix Approach, 2nd Edition ISBN \# 978-0-13-187141-0, Prentice-Hall, Upper Saddle River, NJ 07458

| Section | Suggested Homework Problems (TF $=$ true-false questions) |
| :---: | :---: |
| 1.1 | $1,3,5,9,17,19,23,25$, TF: 37-56, $71,75,79,81,82$ |
| 1.2 | 1, 3, 9, 15, 17, 19, 29, 31, 35, 37, 39, TF: 45-63, 67, 68, 75, 76, 77, 78 |
| 1.3 | $1,3,7,9,11,23,25,39,41,43,45,47,49,51,53,55$, TF: 57-76, 81 |
| 1.4 | $1,3,5,7,11,13,17,19,23,27,35,37,43$, TF: 53-72, 74-78, 81-84, 87-91 |
| 1.6 | 1, 3, 17, 19, 21, $23,25,27,29,31,33,39,43$, TF: 45-64, 70,72 |
| 1.7 | $1,5,13,15,23,25,29,33,39,41,51,53,57$, TF: 63-82, 87,89 |
| 2.1 | $5,7,9,11,13,15,17,19,22,23,25,27,29,31$, TF: 33-50 |
| 2.3 | $1,3,9,11,13,17,19,23,25,29,31$, TF: 33-52, 54, 59, 61, 67, 69, 71, 83 |
| 2.4 | 1, 3, 7, 9, 19, 27, 29, TF: 35-54, 64 |
| 2.5 | 1, 3, 9 |
| 2.6 | 1, 3, 5, 9, 11, 13, TF: 33-41, $42,43,44,45,46$ |
| 3.1 | $1,3,9,11,13,14,15,21,23,27,29,31,37,43$, TF: 45-63 |
| 3.2 | $5,6,7,8,11,13,17,21,27,33$, TF: 39-58, 59, 63, 67, 69-75 |
| 4.1 | $\begin{aligned} & 1,3,5,9,11,13,19,21,27,29,33, \text { TF: 43-51, 57-62, } \\ & 67,69,72,73,74,78,81,83,85,89,93 \end{aligned}$ |
| 4.2 | $1,3,5,7,17,19,21,25,27$, TF: 33-50, $53,54,59,63,65$ |
| 4.3 | $1,3,5,7,9,11,15,17,19,25,27$, TF: 41-57, 59-60, 63, 65, 69, 73-78, 83 |
| 5.1 | $\begin{aligned} & 1,3,7,9,13,17,23, \mathbf{T F}: \mathbf{4 1 - 4 6}, \mathbf{5 5 - 6 0} \\ & 63,64,66,67,68,69,72,73,74 \end{aligned}$ |
| 5.2 | $1,5,9,11,13,15,17,19,21,41$, TF: 53-72, $77,79,81,85,86$ |
| 5.3 | $\begin{aligned} & 1,3,5,7,11,15,17,19, \text { TF: 29-48, } \\ & 49,51,5557,61,63,65,73,77,78,81,82,83,85 \end{aligned}$ |
| 6.1 | $3,5,7,9,11,13,15,17,25,29,33,37,43,49,51,53, \mathbf{T F} \mathbf{6 1 - 8 0}, 95,97,98$ |
| 6.2 | $1,3,7,9,13,17,21,25,29,33,37$, TF: 41-52, 55 |
| 6.3 | $1,5,9,11,17,19,21$, TF: 33-56, $59,61,67,69,71,73,75$ |
| 6.4 | 1, 5, 17, 21, TF: 28-32 |
| 6.5 | $3,7,9,11, \mathbf{T F}: \mathbf{1 7}, \mathbf{2 1 - 2 9}$ |
| 6.6 | $3,5,13,15,17,19$, TF: 21-40 |

