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

HW is due each Sunday at midnight from sections covered during the week. Submit only highlighted problems. To submit a HW go to Assignments on the mirror Canvas site "250:08_HW_Sp24" and upload a single pdf file. Do not miss the deadline.

Suggested Homework Problems (TF = true-false questions) Section 1, 3, 5, 9, 17, 19, 23, 25, **TF:** 37-56, 71, 75, 79, 81, 82 1.1 1, 3, 9, 15, 17, 19, 29, 31, 35, 37, 39, **TF:** 45-63, 67, 68, 75, 76, 77, 78 1.2 1.3 1, 3, 7, 9, 11, 23, 25, 39, 41, 43, 45, 47, 49, 51, 53, 55, **TF:** 57-76, 81 1, 3, 5, 7, 11, 13, 17, 19, 23, 27, 35, 37, 43, **TF:** 53-72, 74-78, 81-84, 87-91 1.4 1, 3, 17, 19, 21, 23, 25, 27, 29, 31, 33, 39, 43, **TF:** 45-64, 70, 72 1.6 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 2.51, 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 1, 3, 5, 9, 11, 13, 19, 21, 27, 29, 33, **TF:** 43-51, 57-62, 67, 69, 72, 73, 74, 78, 81, 83, 85, 89, 93 4.2 1, 3, 5, 7, 17, 19, 21, 25, 27, **TF: 33-50**, 53, 54, 59, 63, 65 1, 3, 5, 7, 9, 11, 15, 17, 19, 25, 27, **TF:** 41-57, 59-60, 63, 65, 69, 73-78, 83 4.3 5.11, 3, 7, 9, 13, 17, 23, **TF:** 41-44, 46, 50, 51, 55-60, 63, 64, 66, 67, 68, 69, 72 5.21, 5, 9, 11, 13, 15, 17, 19, 21, 41, **TF:** 53-72, 77, 79, 81, 85, 86 5.3 1, 3, 5, 7, 11, 15, 17, 19, **TF: 29-48**, 49, 51, 55 57, 61, 63, 65, 73, 77, 78, 81, 82, 83, 85 6.1 3, 5, 7, 9, 11, 13, 15, 17, 25, 29, 33, 37, 43, 49, 51, 53, **TF:** 61-80, 95, 97, 98 6.21, 3, 7, 9, 13, 17, 21, 25, 29, 33, 37, **TF:** 41-52 6.31, 5, 9, 11, 17, 19, 21, **TF:** 33-56, 59, 61 6.4 1, 3, 5, 16, 17, **TF: 28-31**

6.5

6.6

3, 5, 7, **TF**: 17, 21-29

3, 5, 13, 15, 17, 19, **TF**: **21**-40