Linear Algebra Assignments
Chapter 1

Name: _____

Per.: ____

For each section, self-grade for completion. Note the value of each section. (You may use ½ points.) I trust that you will give an honest evaluation of your own work.

Assignments are subject to change. Any changes will be announced in class.
Don't hesitate to try more problems for additional practice.

> Sections 1.1-1.5: Calculator for *arithmetic only*, if desired.
> Sections 1.6-1.7: Graphing calculator okay for basic matrix operations.

____/2 1.1 Notes
____/8 1.1 Exercises #1-13

____/2 1.2 Notes
____/8 1.2 Exercises #1-5, (6-11)bc, 12, (14-15) choose 4, 18, 20, 22, 25, 31, 32

____/2 1.3 Notes
____/8 1.3 Exercises #1gh, 3j, 4h, 5k, 6f, 7bc, 12, 13, 15a, 17b, 18, 20, 21bc, 23, 29, 30

____/2 1.4 Notes
____/8 1.4 Exercises #1b, 2b, 3b, 4AD, 6a, 7d, 9b, 10a, 11, 13, 15, 17, 20, 21a, 28, 29

____/2 1.5 Notes
____/8 1.5 Exercises #1, 3ac, 5b (& verify w/ 2×2 formula), 6bd, 7e, 8b, 10, 13, 14, 15, 16, 18, 19, 20

Quiz #1 (1.1 - 1.5)

____/2 1.6 Notes
____/8 1.6 Exercises #1, 4, 5, 6, 7, 14, 21, 22 (look and think), 23, 24, 25, 29, 30
(Note: "If and only if" means you must show both directions of the theorem are true.)

____/2 1.7 Notes
____/8 1.7 Exercises #(1-3) quick, 4-6, 8, 10, 11, 12, 14b, 15, 16, 18, 20ab, 24, 30

_____ **Total** (70 points)

Optional: Supplementary Exercises #8, 10, 11a, 13, 15, 16, 18 (use thm 1.4.9), 19, 23, 24c (2×2 case), 25, 27

Signature: _____ Date: _____

Verified By: _____
Print Signature