Set 1  Section 1.1  # 1 a,c; 5 a,b (just prove ONE true statement and give a counter example for each false statement); 7; 8 a-e. Section 1.2  # 6; 7 a,b; 8 b, c, e; 9  Due Friday, 8/28.

Set 2  Section 1.3  # 6, 7, 8, 9, 11, 12;  Section 1.4  # 3, 7, 11, 13  Due Wednesday, 9/2.

Set 3  Section 1.5  # 2, 3, 5, 8, 9, 14  Due  Friday 9/4.

QUIZ  Wednesday, 9/9 covers through section 1.5.

Set 4  Section 1.6 and 1.7 (assignment made in class from among the problems  # 2, 4, 8 of 1.6 and # 1, 2, 7, 8 of 1.7)

Set 5  Section 1.8  # 1, 2, 4, 6, 8, 12, 18, 19  Due Monday 9/14.

Set 6  Section 1.9  # 1, 3, 5, 8, 9, 12, 15, 17  Due Wednesday, 9/16.

Set 7  Section 2.1  # 2 a, d; 3 a, c and Section 2.2  # 1; 4; 5 c; 6 a. Due Monday, 9/21.

We’ll do HW from Section 2.4 in class.

There’s a COW assignment due on the web on Tuesday, 9/22.

Test 1  Friday, September 25. Will cover through Section 2.4

Set 8  Section 3.1  # 1 c, d; 2 b, d; 4 b, c; 5 a, c (Use your calculator to do this. Express as a linear combination when possible.) ; 9 (For part (b) see #6 for a hint.); 11; 12.  Due Monday, 9/28

Set 9  Section 3.2  # 2 a; 3; 4; 8; 9; 14 (We’ll talk about # 1, 6, 7, 12, 13, 15, 16 in class.) Due Wed, 9/30

Set 10  Section 3.3  # 2, 4, 6, 11 – 15, 18  Due Monday 10/5

Set 11  Section 3.4  # 1; 3; 5; 7; 8; 9 a, c; And this problem - Suppose that \{\vec{v}, \vec{w}\} is a basis of a vector space V prove that \{\vec{v} – 2\vec{w}, \vec{w}\} is also a basis of V.  Due Wednesday 10/7

Set 12  Section 3.5  # (do #2 for fun) 4, 5, 6, 11  Due Monday 10/12.

QUIZ  Wednesday, 10/14 covers Sections 3.1 through 3.4.

Set 13  Section 3.5  # 13, 14, 20, 21  Due Friday 10/16.

Set 14  Section 3.6  # 1 b; 2 a, c, d, e, f; 4; 5 a, c; 6; 8 a; 9  Due Wednesday 10/21

Test 2  Wednesday, 10/28 covers Sections 3.1 through 3.6

(Ohio Section Meeting is Oct 30 – no class that day.)
We’ll discuss problems from sections 5.1 and 5.2 in class. Section 5.1 # 5; 9a; 11; 14; 16.

Section 5.2 # 1 a, b, c; 4 e; 5; 6; 8; 9; 13  Do # 8, 9, 13 for Monday 11/2  (I won’t collect them.)

Set 14  Section 6.1  # 1, 2, 4, 5, 10, 15 b, 17, 20  Due Monday 11/2

Set 15  Section 6.2  # 1, 2, 8 parts a, b, e of each; 4 a, b; 7; 11; 12; 13  Due Friday 11/6.

Set 16  Section 6.3  # 2; 3; 4 a, b, d, f; 6 (Give a geometric proof it is linear); 8 b; 9  Due Friday 11/13

Set 17  Section 6.4  # 1, 5, 7 (#10 is optional)  Due ???

QUIZ  Friday, 11/20 covers Sections 5.1 through 6.4 (At most one question on Chap 5 stuff.)

Section 6.5  # 1, 2, 4

Section 6.6  # 1 b; 2 a, b; 3 – 7; 9

Section 6.7  # 1; 2; 3; and 4 or 6

Test 3  Friday, 12/4 covers Sections 6.1 through 6.7

Section 8.1  # 2; 3; 4; 7 a, c, e; 9; 13

Section 8.2  2; 3; 5; 7

Final Exam, Wednesday, December 16 from 3:30 to 6:30 p.m.