

136.130 VECTOR GEOMETRY AND LINEAR ALGEBRA
L04 , Slot 9
Fall 2005

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There will be 5 tutorial quizzes (tests) with the best 4 out of the 5 counting (no make up tests). They will be done the last 15 or 20 minutes of the tutorial hour.

The tutorial quizzes will be worth 10% of the final mark.

Tutorials start on September 21 (Wednesday).

Tentative dates for the tutorial quizzes are:

- Tutorial Quizzes:** #1 September 28
 #2 October 12
 #3 November 2
 #4 November 16
 #5 November 30

Midterm exam: October 24 (Monday) 5:30-6:30 p.m.

Exercises from the textbook that are assigned for homework will be posted on my web page. They are a good guideline for questions during the tutorial hour.

Office Hours: Mondays 2:30 - 3:30 and Tuesdays 1:30 - 2:30
(or by appointment)

136.130 Fall 2005 Suggested Problems for Homework

The following is a list of problems from the textbook (Elementary Linear Algebra by Anton) and should be regarded as an initial guide. Most of them have short answers at the end of the textbook. It is up to each individual student to decide if he/she needs to occasionally modify the list (by including or excluding problems from the exercise sets in the textbook). In general, doing more problems improves your understanding of the material and your chances to get a higher mark.

Section	Pages	Exercises
1.1	6-8	1-11 odd, 14
1.2	19-23	1-14 even, 17-19, 22, 26, 27, 31, 32
1.3	34-38	1- 6, 12-14, 18, 21, 29, 32
1.4	48-51	3, 4, 7, 8, 12, 14, 17, 20, 21, 29, 31, 35, 36
1.5	57-60	1-3, 6-8, 10, 13, 17, 22, 23
1.6	66-68	1-6, 9, 12, 17, 21-23, 27, 29
1.7	73-76	1, 3, 7, 10, 15, 19, 30
2.1	94-96	1, 2, 5, 7, 10, 13, 16-19, 25, 27, 35
2.2	101-103	1- 5, 12, 19
2.3	109-111	1- 4, 6, 9, 12, 20, 22
3.1	130-131	1(a)-(c), 2(a),(b),(g),(i), 3(a),(b),(f), 4, 6, 10, 11, 21
3.2	134-135	1(a),(b),(d),(e), 2(a),(c), 3, 6, 7, 11, 16
3.3	142-144	1(a),(c)- 6(a),(c), 8-10, 12, 13, 16, 17, 25, 27, 31
3.4	153-155	1-4, 8-10, 12, 15, 17, 21, 24, 37
3.5	162-165	1-41 odd, 47, 48, 51, 52
4.1	178-180	1, 2, 4, 6, 9, 11, 14, 16, 20
5.1	226-229	1-17 odd, 18, 27, 28, 31
5.2	238-240	1-3, 5(b),(d), 6(a)-(c), 7, 9(a),(b)-11(a),(b),13,14,16,24,25
5.3	248-250	1, 2(a),(b)-4(a),(b), 6(a), 7, 9, 12, 15, 19, 24
5.4	263-265	1-3, 4(a),(b), 5, 7, 10, 13, 18, 20, 22, 32, 36
5.5	276-278	1, 4, 6(a)-(c), 7(a),(b)- 9(a),(b), 11, 13, 16