

COURSE: Math 291- Linear Algebra  
INSTRUCTOR: Dr. Merv Newton  
OFFICE HOURS: Mon and Fri: 10 - 11 and 2 - 3  
Tues and Thur: 10 - 11  
Wed: 9 - 11

**REQUIRED MATERIALS:**

Text: Venit & Bishop - *Elementary Linear Algebra* 4<sup>th</sup> Ed.  
Calculator: HP-48G, HP-48G+, or HP-48GX

**GRADING:**

Test 1	Feb 12	Chapters 1, 2, 3	20%
Test 2	March 15	Chapters 4, 5, 6	20%
Test 3	April 16	Chapters 7, 8, 9	20%
Test 4	May 1 (1 PM)	CNAT	20%
Homework			15%
Class participation			5%

**HOMEWORK:**

On the pages below are lists of problems and the day they are due. Problems which are turned in on time will be graded on the basis of 10 point. Problems which are not done by the due date will be accepted as late on the next class date, but will be worth a maximum of 8 points.

**CLASS PARTICIPATION:**

The pages below also contain reading assignments for most days. You are expected to have read that material before class and be prepared to discuss it. You may be called upon on a random basis to answer questions or work examples based on the reading for the day.

**SPECIAL NEEDS**

It is the policy of Thiel College not to discriminate against qualified students with documented disabilities in its educational programs. Students desiring accommodation for a disability are responsible for providing evidence from a qualified professional confirming the disability and identifying appropriate interventions. This evidence should be taken to the Academic Resource Center (AC 239) before the end of the second week of the semester. Center staff will develop a letter of accommodation to be sent to course instructors and other appropriate offices.

NOTE: All homework problems should be done by hand with all the work clearly shown except those problems designated as "Computational Exercises" in the text.

DATE	READ	PROBLEMS
1/10	1.1	8, 14, 16, 20, 30, 34, 35 (Due 1/15)
1/11	1.2	6, 8, 14, 18, 26, 28, 36, 37 (Due 1/15)
1/14	RCP	
1/15	1.3	2, 4, 6, 12, 16, 25, 28, 34 (Due 1/18)
1/17	2.1	2, 4, 8, 10, 18, 20, 32, 37, 41 (Due 1/25)
1/18	2.2	12, 16, 20, 24, 26, 28, 30, 32 (Due 1/25)
1/22	2.3	26, 36, 50, 51 (Due 1/29)
1/24	RCP	
1/25	2.5	2, 6, 7, 8, 11, 15, 16,17 (Due 1/29)
1/28	RCP	
1/29	3.1	2, 6, 18, 20, 28, 41, 42, 44, 49 (Due 2/1)
1/31	3.2	4, 12, 16, 18, 26, 29, 30, 34, 35 (Due 2/5)
2/1	3.4	2, 6, 8 (Due 2/5)
2/4	RCP	
2/5	3.5	2, 4, 6, 7, 8, 16, 18, 20, 21 (Due 2/8)
2/7	4.1	8, 14, 18, 22, 24, 26, 28, 30, 32 (Due 2/15)
2/8	4.2	2, 8, 12, 16, 19, 26, 28, 34 (Due 2/19)
2/11	RCP	
2/12	Test 1	
2/14	RCP	
2/15	4.3	2, 4, 8, 10, 12, 15, 18, 21 (Due 2/19)
2/18	RCP	
2/19	5.1	1, 2, 3, 4, 6, 8, 14, 28, 34 (Due 2/26)
2/21	5.2	4, 6, 12, 18, 24 (Due 2/26)
2/22	5.3	2, 4, 8, 10, 14, 22, 26, 34 (Due 3/1)
2/25	RCP	
2/26	6.1	2, 4, 6, 14, 16, 20, 21 (Due 3/12)
2/28	RCP	
3/1	6.2	2, 6, 8, 12, 26, 30, 32, 36 (Due 3/12)

DATE	READ	PROBLEMS
3/11	RCP	
3/12	7.1	2, 8, 10, 12, 16, 20, 22, 28, 32 (Due 3/19)
3/14	RCP	
3/15	Test 2	
3/18	RCP	
3/19	7.2	2, 4, 8, 10, 12, 13, 14, 15, 16, 18, 20, 22 (Due 3/22)
3/21	RCP	
3/22	7.3	2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 28, 32 (Due 3/ 26)
3/25	RCP	
3/26	8.1	4, 6, 10, 14, 20, 22, 26, 36, 57 (Due 4/5)
3/28	8.2	2, 3, 4, 6, 8, 10, 16, 22 (Due 4/5)
4/2	9.1	2, 6, 9, 14, 16 (Due 4/9)
4/4	RCP	
4/5	9.2	4, 6, 7, 8, 9, 10, 12, 14 (Due 4/9)
4/8	RCP	
4/9	CNAT	
	Pref & 1	4, 13, 14, 15 (Due 4/19)
4/12	CNAT 2.1-2	3, 9, 10, 13, 17, 20, 21, 22 (Due 4/19)
4/15	RCP	
4/16	Test 3	
4/18	RCP	
4/19	CNAT 2.3-5	12, 17, 31, 32, 42 (Due 4/24)
4/22	CNAT2.6-7	7, 9, 10, 11, 12, 13 (Due 4/24)
4/23	RCP	
4/24	CNAT 3.1	2, 18(a) 23 (Due 4/26) Supplementary Problems 6, 11, 12 (Due 4/26)
4/25	RCP	
4/26	RCP	
5/1	Test 4	

Go To: [Course Calendar](#)

[Dr. Newton's home page](#)