

Sample Syllabus

INFORMATION FOR STUDENTS MA 322-002, *Matrix Algebra*

Instructor: James C. Beidleman

Phone: 257-1452

Office: 935 POT Classroom CB 339

E-mail: clark@ms.uky.edu

Office Hours: To be announced

TEXT: *Linear Algebra and Its Applications*, 3rd ed., David C. Lay

CLASS PARTICIPATION: I expect each student to participate fully in the course. This means attending class, doing the homework, presenting problems at the board, asking questions.

HOMEWORK: Homework problems are the heart of the course. Problems will be assigned at the end of each section covered in the course. At the beginning of the next class, you will turn in a card showing what problems you can do. Details will be found on "The Cards Homework System."

EXAMINATIONS: There will be 3 exams. While the main emphasis on each examination will be on the material covered since the last examination, all examinations will be comprehensive; that is, over all the material covered from the beginning of the course. Each examination will be announced at least one week in advance. The final exam for MA 322-002 is December 16th at 1:00 PM.

GRADES: The first two exams are worth 100 points each. The third is worth 200 points. Homework is 100 points. Thus there will be a total of 500 points. Your grade will be determined by your point total and my subjective evaluation of how well you have mastered the course. Part of my evaluation will be based on class participation.

LANGUAGE: The ability to express ideas well, both in speech and in writing, is one of the main goals of education. I expect each student's work to be clear, well organized, and grammatically correct.

IMPORTANT DATES:

Wednesday	August 27	First day of classes
Monday	September 1	Labor Day - Academic Holiday
Wednesday	September 3	Last day to add a class
Wednesday	September 17	Last day to drop a class
Friday	October 20	Midterm
Friday	December 12	Last day of classes

Math 322

Linear Algebra and Its Applications

3rd ed., David C. Lay (Addison-Wesley)

Problem Assignments

- Section 1.1 (1,3,4,5,7,11,13,15,23,24,25)
1.2 (1,3,7,9,11,17,19,21,23,25,27)
1.3 (1,3,5,9,11,13,15,17,21,23,24)
1.4 (1,3,5,7,9,12,14,15,21,23,24,25)
1.5 (1,3,5,9,15,16,19,23,24,25,26)
1.7 (1,3,5,7,9,11,13,15,17,21,22)
1.8 (1,3,5,9,11,13,17,19,20,21,22,24,29)
1.9 (1,3,5,7,9,17,23,24,29,30,35)

2.1 (1,2,3,4,5,6,9,10,11,13,15,16,23,27,30)
2.2 (1,3,5,7,9,10,11,13,22,29,31,33)
2.3 (1,3,5,6,7,11,12,13,17,24,36,37)
2.5 (1,3,5,6,7,9,11,15,17,24)
2.8 (1,2,5,6,7,9,10,15,16,21,23,24,25,27)
2.9 (1,2,3,5,7,9,11,13,15,17,18,19)

3.1 (1,3,5,7,9,11,15,19,21,22,23,25,27)
3.2 (1,3,4,5,7,11,15,17,21,24,25,29,31,32)

4.1 (1,3,5,6,7,8,9,10,13,14,23,24,35,36)
4.2 (1,3,5,7,13,15,17,23,25,26,29,30,31,33,34,35)
4.3 (1,3,5,9,10,12,13,15,19,21,22,23,29,31,32,33)
4.4 (1,3,4,5,7,9,10,11,13,14,15,16,17,18,21,22,27,29)

5.1 (1,2,3,5,7,9,11,13,17,19,21,22,25,27)
5.2 (1,3,5,9,11,19,21,22,25)
5.3 (1,2,3,5,7,11,17,21,22,24,27,28)

6.1 (1-8,9,10,11,13,16,17,19,21,23,24,25,27,28)
6.2 (1,3,5,7-11,13,15,16,17-20,21,23,24,26,27,29,32,33)
6.3 (1,3,5,7,9,11,12,15,17,19,21,22,23)
6.4 (1-4,7,9,11,13,15,17,19,20)
6.5 (1-5,7,9,11,13,15,17,19)