

Introduction to Matrix Theory and Linear Algebra

MA 211 – Fall 2008

MEETING DAYS: M W F
MEETING TIMES: 12:00 pm – 12:50 pm
ROOM: WS 3602

CLASS ID: MA 211- 01
CALL NUMBER: 80756
CREDITS: 3

INSTRUCTOR: Bao Truong
 NSF 1135
 906 – 227 – 1610 (Math. Dept. 906 – 227 – 2020)
 e-mail: btruong@nmu.edu

OFFICE HOURS: M W F 11:00 am – 12:00 and 1:00 pm – 2:00 pm
Always feel free to e-mail me for scheduling an appointment.

PREREQUISITES: A grade of C- or better in MA 161.

TEXT:

Linear Algebra with Applications
 7th Edition by **Steven J. Leon**

SOFTWARE: Maple can be loaded to your ThinkPad for free at the Help Desk in LRC.

ATTENDANCE: Regular attendance is expected from everyone. At the beginning of each class the attendance sheet will be passed around and it is your responsibility to sign it, otherwise you will be marked absent.

HOMEWORK: Homework will be assigned, collected, and graded each week. The two lowest homework scores will be dropped.

TESTS AND QUIZZES: There will be a quiz or a test every other week. You will be expected to take all 4 twenty-minute quizzes and two one-hour tests. Only in the event of an unavoidable emergency will a make-up test be considered. You may drop the lowest quiz grade. If you are absent for a quiz, the missed quiz becomes your dropped grade. **No make-up quiz.**

FINAL EXAM: A final exam will be given on Thursday, December 11, 12:00 – 1:50 pm.

GRADES:

Weighted percentage:	Tests	40%	Quizzes	25%
	Homework	10%	Final	25%
Grading Scale	A ⁺ s	90% up		
	B ⁺ s	80% – 89%		
	C ⁺ s	70% – 79%		
	D ⁺ s	60% – 69%		
	F	below 60%		

COURSE CONTENT:

Chapter 1: Systems of Linear Equations and Matrix Algebra

Chapter 2: Determinants

Chapter 3: Vector Spaces

Chapter 4: Linear Transformations

Chapter 5: Inner Products and Orthogonality

Chapter 6: Eigenvalues and Eigenvectors

IMPORTANT DATES:

Friday, September 05 - Quiz 1

Friday, September 19 - Quiz 2

Friday, October 03 – Test 1

Friday, October 17 - Quiz 3

Friday, November 07 - Quiz 4

Friday, November 21 – Test 2

Final Exam: Thursday, December 11, 12:00 – 1:50 pm.

DISABILITY SERVICE: If you have a need for disability-related accommodations or service, please inform the Coordinator of Disability Service in the Disability Service Office by either coming into the office at 2001 C.S. Hedgcock, or calling 227 – 1700, e-mailing disserv@nmu.edu . Reasonable and effective accommodations and services will be provided to students if requests are made in a timely manner, with appropriate documentation, in accordance with federal, state and university guidelines.