

MA 211 – Winter 2009

Introduction to Matrix Theory and Linear Algebra

MEETING DAYS: M W F
MEETING TIMES: 10:00 am – 10:50 am
ROOM: WS 1706

CLASS ID: MA 211- 01
CALL NUMBER: 10646
CREDITS: 3

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

OFFICE HOURS: M W R F 11:00 am – 12:00 pm & 1:00 – 3:00 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
 7rd 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.

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.

FINAL EXAM: A final exam will be given on Tuesday, April 28th, 10:00 am – 11:50 am.

GRADES:

Weighted percentage:	Tests	30%	Quizzes	25%
	Homework	20%	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.