College Algebra for Calculus Preparation
MA 105 – Fall 2008

MEETING DAYS: M W R F
MEETING TIMES: 2:00 pm – 2:50 pm
ROOM: WS 2901

CLASS ID: MA 105 02
CALL NUMBER: 80739
CREDITS: 4

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

OFFICE HOURS: M F 3:00 pm – 5:00 pm
Always feel free to e-mail me for scheduling an appointment.

PREREQUISITES: MA 100 or satisfactory score on Math Placement Exam.

TEXT:

College Algebra
5rd Edition by **J. Steward, L. Redlin** and **S. Watson**

COURSE GOAL: This course satisfies the Foundation of Natural sciences/Mathematics requirement. Students who complete this course should be able to demonstrate a basic understanding of mathematical logic; use mathematics to solve scientific or mathematical problems in college classes; express relationships in the symbolic language of mathematics; and appreciate the role of mathematics in analyzing natural phenomena.

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 at each class meeting.

TESTS AND QUIZES: There will be a quiz or a test every Friday. You will be expected to take all 4 tests. Only in the event of an unavoidable emergency will a make-up test be considered. Make-up tests will be more difficult than the original exam. You may drop the two lowest quiz grades. 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 Monday, December 08. Time and room will be announced in class. You will need a blue book to take the final.

CALCULATOR: IBM Thinkpad (TI interactive) or graphing calculator – a scientific calculator may be helpful if using a Thinkpad.

GRADES:

Weighted percentage:	Tests	45%	Quizzes	20%
	Homework	10%	Final	25%

Grading Scale (approximate)	A's	90% up
	B's	80% – 89%
	C's	70% – 79%
	D's	60% – 69%
	F	below 60%

COURSE CONTENT:

Chapter 0: Prerequisites
Chapter 1: Equations and Inequalities
Chapter 2: Coordinates and Graphs
Chapter 3: Functions
Chapter 4: Polynomial and Rational Functions
Chapter 5: Exponential and Logarithmic functions
Chapter 6: Systems of Equations and Inequalities

IMPORTANT DATES:

Friday, September 05 - Quiz 1	Friday, September 12 - Quiz 2
Friday, September 19 – Test 1	Friday, September 26 - Quiz 3
Friday, October 03 - Quiz 4	**Friday, October 10 – Test 2**
Friday, October 17 – Quiz 5	Friday, October 24 - Quiz 6
Friday, October 31 – Test 3	Friday, November 07 – Quiz 7
Friday, November 14 - Quiz 8	**Friday, November 21 – Test 4**

Final Exam Period: Monday, December 08, 2:00 pm – 3:50 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.

CODE OF CONDUCT: Since every student is entitled to full participation in class without interruption, all students are expected to be in class and prepared to begin on time. If for some emergency reason you are late, you must quietly enter the classroom and find a seat **at the back row**. All pagers, wireless phones or other devices that make noise must be turned off when you enter the classroom. Disruption of class, whether by talking, noisy devices, eating in class or other inconsiderate behavior, will not be tolerated**. Students who violate these rules will be asked to leave the classroom and will not be allowed to return until they have spoken privately with the instructor**.