

# MA 105 – Winter 2009

## College Algebra for Calculus Preparation

**MEETING DAYS:** M W R F  
**MEETING TIMES:** 12:00 pm – 12:50 pm  
**ROOM:** JXJ 201

**CLASS ID:** MA 105 01  
**CALL NUMBER:** 10628  
**CREDITS:** 4

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

**TEXT:**

*College Algebra*  
5<sup>rd</sup> 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, posted on the WebCT and will be due at the beginning of the Wednesday meeting. It is your responsibility to ask questions on those problems that you do not understand. Late homework is unacceptable.

**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 lowest quiz grade. If you are absent for a quiz, the missed quiz becomes your dropped grade.

**FINAL EXAM:** A final exam will be given on Monday, April 27<sup>th</sup>, 2009. Time: 12:00 pm – 1:50 pm. Place: JXJ 201.

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

**GRADES:**

Weighted percentage:	Tests	40%	Quizzes	25%
	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: PrerequisitesChapter 1: Equations and InequalitiesChapter 2: Coordinates and GraphsChapter 3: FunctionsChapter 4: Polynomial and Rational FunctionsChapter 5: Exponential and Logarithmic functionsChapter 6: Systems of Equations and Inequalities**IMPORTANT DATES:**

Friday, January 23 - Quiz 1

Friday, January 30 - Quiz 2

**Friday, February 06 – Test 1**

Friday, February 13 - Quiz 3

Friday, February 20 - Quiz 4

**Friday, February 27 – Test 2**

Friday, March 13 – Quiz 5

Friday, March 20 - Quiz 6

**Friday, March 27 – Test 3**

Friday, April 03 – Quiz 7

Friday, April 10 - Quiz 8

**Friday, April 17 – Test 4**Final Exam: Monday, April 27<sup>th</sup>. Time: 12:00 pm – 1:50 pm. Place: JXJ 201.

**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](mailto: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.**