College Algebra for Calculus Preparation  
MA 111 – FALL 2012

**MEETING DAYS:** M T W R F  
**MEETING TIMES:** 2:00 – 2:50  
**ROOM:** WS 3202  
**CLASS ID:** MA 111 – 2  
**CALL NUMBER:** 81487  
**CREDITS:** 4

**INSTRUCTOR:** Dr. Truong, Bao  
NSF 1135  
e-mail: btruong@nmu.edu

**OFFICE HOURS:** 1:00 – 2:00 and 4:00 – 5:00 M T W R F or by appointment.  
Please feel free to call or e-mail me for scheduling an appointment.

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

**TEXT:**  
*College Algebra*  

**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

**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. For “Each day you miss, it takes one day longer to be good”.—Ben Hogan, Golfer

**HOMEWORK:** Homework will be assigned at each class meeting, posted on the EduCat™ at [https://educat.nmu.edu/](https://educat.nmu.edu/) and collected in class weekly. In doing homework, you must show the work for each problem assigned. 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 3 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.
SYLLABUS

FINAL EXAM: A comprehensive final exam will be given on Monday, December 10, 2012.

CALCULATOR: TI Interactive graphic software can be loaded to your ThinkPad for free at the Help Desk in LRC. Many of you have probably used graphing calculators in the past and you may already have your own calculator. If you have a graphing calculator, you should bring it to class since it is much more convenient than a laptop.

GRADES:

<table>
<thead>
<tr>
<th>Weighted percentage:</th>
<th>Tests 40%</th>
<th>Quizzes 25%</th>
<th>Homework 10%</th>
<th>Final 25%</th>
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Grading Scale (approximate)

- A's 90% up
- B's 80% – 89%
- C's 70% – 79%
- D's 60% – 69%
- F below 60%

IMPORTANT DATES:

- Labor Day observance – no classes - Monday, September 3, 2012
- No classes – September 19 – 25, 2012
- Planning/Conference Day – no classes - Friday, October 12, 2012
- Thanksgiving recess begins at 8:00 a.m. Wednesday, November 21, 2012

- Friday, August 31 - Quiz 1
- **Friday, September 14 – Test 1**
- Thursday, October 11 - Quiz 4
- **Friday, October 26 – Test 2**
- Friday, November 9 – Quiz 7
- **Friday, November 30 – Test 3**

Final Exam: Monday, December 10, 2012 from 2:00 – 3:50

EXTRA HELP:

- **My office**: during regular office hours or by appointments.
- **Mathematics Tutor Lab**: West Science 3810. Mathematics Tutor Lab is open M – R 9:00 am – 4:00 pm and F 9:00 am – 3:00 pm.
- **All Campus Tutoring**: Learning Resource Center 111H. All Campus Tutoring is open S – W 2:00 pm – 10:00 pm.
- **Disability Service Office**: 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.**