Winter 2009 **COLLEGE ALGEBRA WITH APPLICATIONS** MA104 (10626) Room: WS3801
7:00 pm Tues, Thurs

Instructor: (Ms.) Rosanne Parks (e-mail: rparks@nmu.edu)
Office: New Science Facility 1306
Office phone: 227-1479 Office Hours: 6:15 p.m. – 7:00 p.m. Tues, Thurs Other times by appointment

Prerequisite: AT LEAST a C- in MA100 or satisfactory score on Math Placement Exam
Text: ***College Algebra, A Graphing Approach***: Second Edition, Gareth Williams

Supplies: 1) Graphing calculator (you MUST have access to a calculator without algebraic technology); 2) Graph paper, straight-edge; 3) Notebook for class notes & homework (3 ring loose-leaf binder is recommended); 4) Pencil and eraser: **REQUIRED** for all tests and quizzes; 5) NMU e-mail account which you check regularly.

Laptops may be used in class to take notes which must be e-mailed to me each day before leaving class. **All other electronic equipment must be turned off and stored.**

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: Daily attendance is required. You should enroll in and pay for this course only if you have the time to devote to class attendance every day that class is scheduled and to the completion of all assignments.

ASSIGNMENTS: PLAN TO SPEND AN AVERAGE OF 4 HOURS ON EACH ASSIGNMENT (2 hours of homework for each hour spent in class). If your schedule will not permit this much homework time, I recommend that you give serious consideration to withdrawing from the course.

Reading and problems will be assigned each day. In addition, you should take notes, including examples used, which cover the material presented in class. In doing homework, SHOW THE WORK for each problem assigned when possible. Be sure to include date assigned, page numbers, and problem numbers at the beginning of each assignment. **Make corrections** as we discuss the problems.

MATHEMATICS IS LEARNED BY DOING, NOT BY OBSERVING!

TESTS & QUIZZES: There usually will be at least one 20 point quiz each week. Some will be announced, some not. **At least one question per quiz may be taken from your homework notebook. You may not use your textbook for these questions.** For a student with fewer than 2 absences, the lowest quiz score will be dropped if doing so would improve the student's average. At times, you may be asked to submit (for a grade) selected problems from a completed homework assignment. These problems are to be copied from your homework notebook without using your textbook. Several homework assignments (with varying point values) will be collected and graded throughout the semester. Late assignments will not be accepted! There will be 5 - 6 tests, each worth 100 points. Tests will cover assigned reading, material presented in class, and concepts covered in homework. **NO TEST SCORES WILL BE DROPPED.** You must take tests and quizzes at their scheduled times. No make-up is possible for any test or quiz unless you notify me **before** the scheduled test or quiz time. A MAKE-UP TEST OR QUIZ WILL BE GIVEN ONLY BY SPECIAL ARRANGEMENT. Any make up quiz must be completed before the next class meeting. A documented excuse is necessary in order to take a make-up test. **Only students who have taken all tests will be admitted to the final exam.** Thus, missing a test guarantees earning a failing course grade except in extremely unusual circumstances. The **comprehensive** final exam will be worth 200 – 250 points.

GRADES: To pass this course you must take all tests. Your course grade will be based on total points earned on your quizzes, tests, homework, and final exam. Accumulating more than 4 unexcused absences may result in a lowering of your final grade.

The grading scale is: A: 90-100%; B: 80-89%; C: 70-79%; D: 60-69%; F: < 60%.

EXTRA HELP: My Office: during regular office hours or by appointment
Math Study Lab: WS3810: 227-1612 Jacobetti Center 103: 227-2283
All-Campus Tutorial Service: LRC 111H & HDG 3302.2: (227-2618)
Tape recording of class sessions is permitted; **study groups are recommended**

DISABILITY SERVICES: If you have a need for disability-related accommodations or services, please inform the Coordinator of Disability Services in the Disability Services Office by: coming into the office at 2001 C. B. Hedgcock; calling 227-1700; or 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.

WEEK / starts	Monday	Tuesday	Wednesday	Thursday	Friday
1 (Mon 1/12)					
2 (Mon 1/19)					
3 (Mon 1/26)					
4 (Mon 2/2)					
5 (Mon 2/9)					
6 (Mon 2/16)					
7 (Mon 2/23)					
(Week of 3/2)	Break No classes	Break No classes	Break No classes	Break No classes	Break No classes
8 (Mon 3/9)					
9 (Mon 3/16)					
10 (Mon 3/23)					**3/27** **W drop deadline**
11 (Mon 3/30)					
12 (Mon 4/6)					
13 (Mon 4/13)					
14 (Mon 4/20)					
15 (Mon 4/27) **FINAL EXAMS**	4/27	4/28 **MA104: 7 pm ***	4/29	4/30	5/1

***Final exam will be on 4/30 if a class needs to be made up.**