MA 150 MATHEMATICS FOR THE ELEMENTARY SCHOOL TEACHER I
Winter, 2005 MWRF 11:00-11:50 in WS 3616 2:00-2:50 in WS 3616

Prerequisite: C- or better in MA 100 or satisfactory score on Math Placement Test. If you are not qualified, drop the class during Drop/Add time. See me if you have any questions.

Instructor: Dr. Donald Zalewski 1111 NSF 227-1595 dzalewsk@nmu.edu (Notice that there is no "i" in the address.)

Office Hours: 9:30-10:45 MWRF 12:00-12:30 MWRF 3:00-3:45 MWR
Other times by appointment

Required Materials:
1. Textbook: MATHEMATICS FOR ELEMENTARY TEACHERS by Billstein, Libeskind, & Lott. (8th edition); McGraw-Hill, 2004.
2. Graphing calculator: included on laptop as **TI-Interactive.** Go to **Start, All Programs, Accesories**)
3. Notebook for notes, and a separate notebook with removable pages for homework. (You may be asked to hand in homework once in a while.)
4. Materials for projects: stapler, scissors, coloring tools, glue or paste

Course Goals:
1. To develop your skill and understanding in basic areas of mathematics including set theory, numeration systems, operations, number theory, and algebra.
2. To develop your ability to think logically and to use mathematics in applications and problem solving.
3. To relate the mathematics you are learning to the mathematics of the elementary school curriculum.

Course Activities:
1. Attend class regularly and participate in discussions. Attendance will be recorded and used to determine your progress in the course.
2. Do all assignments and projects.
3. Take tests and quizzes.

WARNINGS:
1. Regular quizzes and tests can be made up only if arrangements are made with the instructor IN ADVANCE. A valid, documented reason for absence is necessary to make up quizzes and tests.
2. Turn assignments in on time. Points are deducted if late: 10% if same day; 25% if next day. No late assignments accepted after that unless arrangements are made (with valid reason) **in advance**.
3. By College of Education rules, you need a grade of C or better in MA 150 in order to take MA 151.
4. ***College of Education rules allow you to repeat only one mathematics course in the entire sequence (MA 150, MA 151, MA 353).***

Course Grade:
1. The total points earned on all your tests, quizzes, projects and the final exam will determine your semester average. A = 93-100%; A- = 90-92%, B+ = 87-89%; B = 83-86%; B- = 80-82%; C+ = 77-79%; C = 73-76%; C- = 70-72%.

2. Regular attendance will be taken. **Four unexcused absences will decrease your grade by one level.** Ie. If you earned a grade of B but were absent four times, the grade will drop it to a B-.

MA 150 TENTATIVE SCHEDULE

Chapter 1	Jan. 17 - Jan. 31	Chapter 4	March 14-28
Chapter 2	Feb. 2 – Feb. 18	Chapter 5	March 30 – April 13
Chapter 3	Feb. 21 – March 4	Chapter 6	April 14 – April 29

FINAL EXAM	For 11:00 class:	Thursday, May 5	10:00 – 11:50 a.m.
	For 2:00 class:	Tuesday, May 3	2:00 – 3:50 p.m.

Note: Semester Break is from March 5 to March 13. **Please do not make travel plans for March 4. There is usually a test on that day and leaving town early is not an excusable reason for making up the test.**

NOTES:

1. There will be a test following each chapter and some quizzes in between. The exact dates of tests and regular quizzes will be announced in class. See other side for make-up rules.

2. There may be "pop" quizzes which contains questions from your homework or will actually have you turn in your homework. The pop quizzes cannot be made up.

3. Daily assignments usually consist of selected exercises following the section that was discussed in class. There will also be class handouts. **Each homework assignment should take about an hour to finish, but it may take as long as two hours to complete. Please identify a time block during which you can normally do your mathematics assignment.**

4. Be prepared to ask questions about homework at the beginning of each class. If you need extra help, come to my office or go to the tutoring lab in WS 3810.

5. To review for tests, it is recommended that you:
   (a) Learn all the terms, symbols and rules in the Chapter Outline.
   (b) Do the "Questions from the Classroom" and the Chapter Review problems.
   (c) Review homework problems.

6. If you must be absent, go to the **WEBCT** to get the assignment so you can keep up with the class. Call me or a classmate to see if there were any handouts or announcements about a quiz, test, or project.

7. *As is the case with most mathematics classes, the content of MA150 is sequential in that you must master the material in one chapter in order to be able to learn the material in the following chapters. Thus, it is imperative that you keep up with the assignments and to get help if you are struggling. If you do poorly on a quiz or test, I will write a note to "See me" so that we can identify the reasons for your poor performance and perhaps make some adjustments to improve your future scores. If you have not been attending classes or doing your assignments, I may recommend that you drop the class.*

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 at 2001 C. B. Hedgcock (227-1700; TTY 227-1543). 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.