

**Montgomery College**  
**Business, Science, Math and Technology Division**  
**Dept. of Mathematics - Germantown Campus**  
**MA090 Prealgebra CRN 30281**  
**Spring 2002**

**SAMPLE**

**I. Instructor: Latimer**

**II. General Course Information:**

MA090-Prealgebra

No credit

MWF 10 – 10:50 a.m.

Room: HT400

This course offers a review of the fundamentals of arithmetic. Emphasis throughout this review will be on word problems. Basic algebra topics, including signed numbers, positive integer exponents, polynomials, linear equations, and graphing of linear equations will be presented.

**Passing the MA090 Competency Exam is required for successful completion of this course.**

**Format:** This course is taught in a lecture/discussion/problem-solving format. Questions are encouraged. Attendance and participation are expected and may affect the final grade.

**Homework:** You will receive a handout with homework assignments (see attached list) corresponding to each text section to be covered in the course. **It is expected that you will read each section in the textbook, as it is covered.** After completing a section in class, the assigned problems from that section should be completed before the next class. Class time will be devoted to discussing challenging problems. There is not enough time to go over every problem. Students should take advantage of office hours, the Math Learning Center, and form study groups to ensure that homework is complete and the topic mastered.

**III. Specific Outcomes:** See attached course outline, objectives, and suggested homework. Students should also refer to the *Objectives* listed at the beginning of each section of the text.

**IV. Text and Supplies:** Martin-Gay. Prealgebra (3<sup>rd</sup> Edition), Prentice Hall

**Calculators:** Calculator will not be permitted during quizzes and tests until after Chapter 2. After Chapter 2, use of calculators is permitted. It is recommended that you master the basic operations without using a calculator. Throughout the course, you will be required to show your work (the steps involved in solving problems). You may use a calculator to check your work at each step.

**Students will not be permitted to share calculators during quizzes and tests.**

**Tutorial software** is included with the purchase of the textbook.

## V. Grading

**Homework** will be collected and graded frequently during the semester. The graded assignments may be from the list of assigned problems or handouts. **Late homework will not be accepted.**

**Quizzes:** 10-12 short quizzes will be given. Quizzes will be announced. **No make up quizzes will be given.** The 2 lowest quiz scores will be dropped. **Students who arrive late to class will not be given additional time.**

**Exams:** Three (3) 50-minute tests and a comprehensive 2-hour final exam will be given. **No make-up exams will be given. If you miss a 50-minute test, the grade you receive on the final will be used.**

**All students must take and pass the Math Department Competency Exam in order to pass MA090. The minimum passing grade on the Competency Exam is 75% correct.**

**The Competency Exam will be given on Wednesday, April 17, 2002.**

**You must pass the course AND the Competency Exam in order to receive a passing grade in MA090 and go on to MA091.**

**Course Grade: This is a non-credit course.** If you pass the Competency Exam, you will receive a grade of A (90-100%), B (80-89%), C (70-79%), or U (<70%) based on the following:

Homework:	5%
Quizzes:	20%
One-hour tests	50%
Final Exam:	25%

**Late policy:** It is expected that you will be on time for every class. If circumstances arise that make it impossible to be on time, **please do come to class**, but try to take a seat near the door to minimize disruption.

**Audit Policy:** Students auditing the class are expected to adhere to attendance and late policy guidelines. Those who do not may be dropped. "Audits" may take quizzes and exams, but are not required to do so.

## VI. Classroom Policies:

Every student is expected to behave in a way that promotes a positive teaching and learning environment. You are expected to treat faculty and fellow students with respect, and in return, you have the right to be treated with respect. Students have the right to learn. Students do not have the right to interfere with others' learning or with faculty teaching. If these classroom behavior standards are not met, you will be asked to leave the class for the remainder of the class period. You must schedule an appointment and see me before returning to the class.

**Attendance** will be taken at the beginning of each class. It is expected that all students will attend all classes except in cases of illness or emergency. Students are responsible for finding out what they missed. Students missing 3 or more classes may be dropped.

**Academic Honesty:** See the Student Code of Conduct-“Academic Dishonesty and Misconduct.” (Student Handbook)

**Cell phones and other devices that make noise must be turned off. There will be a letter-grade deduction if such devices ring, beep, or otherwise disrupt the class during tests.**

**Talking** during class that is disruptive and interferes with other students’ ability to hear or concentrate will not be tolerated. **Questions are encouraged and there will be many occasions when students are encouraged to work together during class and discuss mathematics.**

**Computer** use that is not directly related to the course is not permitted. Inappropriate use of the classroom/Math Center computers will result in the student being dropped from the course.

**Cancellation** of class, due to weather, or any other reason, does not mean we get to cover less material, so, if class is cancelled, please read through the section that would have been covered and try the homework problems. This will allow us to cover that material more quickly during the next class. Any quiz or test scheduled for a day when class is cancelled **will** be given when the class next meets.

**Montgomery College does not follow MCPS when it comes to school closings.** Please listen to the radio or TV for **College closings**, or check the College web site.

**Accommodations:** Any student who may need an accommodation due to a disability, please make an appointment to see me during my office hours, or before or after class. A letter from Disability Support Services authorizing your accommodation will be needed as soon as possible.

**Math Learning Center:** This is one of the jewels of the Germantown Campus. Make it your home-away-from-home. Located in Room 229 HT, the hours are:

Monday – Thursday: 9:00 a.m. – 9:00 p.m.  
Friday: 9:00 a.m. – 5:00 p.m.  
Saturday: 8:00 a.m. – 4:00 p.m.

This facility offers supplementary and review material. Interactive software provides problems and guided solutions corresponding to the text sections covered in this course.

Tutors are available and are eager to help you! Take advantage of them.