MAT 101 Syllabus

Course: MAT 101 A - College Algebra
Term: Fall, 2005

Instructor: Mr. Jerome Goddard II
Office: MCC 310
Telephone: 601-925-3984 (Office)
Office Hours: M W F 1:30 – 4:30, T TR 1:00 – 4:30 (other times available upon request)
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Text: College Algebra (Concepts and Models), 5th Edition, Larson, Hostetler, and Hodgkins.

Catalog Description:
MAT 101, College Algebra   Credit: 3 semester hours
> **Prerequisite:** MAT 100 or one year of high school algebra.
> This course builds upon basic algebraic concepts. It includes topics such as rational expressions, rational exponents, radicals, quadratic functions, graphing, and systems of equations.

Learning Objectives:
> Selected topics from chapters R1-6. Upon successful completion of this course the student will demonstrate, time permitting, an understanding of the following topics:
> - Number Systems
> - Absolute value
> - Exponents
> - Factoring
> - Solving linear and quadratic equations
> - Functions (graphing, inverse, polynomial, rational, exponential, and logarithmic)
> - Systems of Equations.

Rationale:
> Various courses in other disciplines require College Algebra as a pre-requisite. This course is designed to fulfill the needs of the students who desire to enhance their understanding of algebra and those who are required to take College Algebra for other programs.

Grading:
> There will be at least three exams during the semester and a final exam. In addition, there will be a quiz/homework grade coming from an average of daily short quizzes, assigned homework, and perhaps a couple of projects.

> **Grading Scale:**
> | | | |
> |---|---|---|
> | 90 – 100 | **A** | All graded work will be returned to the student for keeping. |
> | 80 – 89 | **B** | If there are any question later about your grade, |
> | 70 – 79 | **C** | you would be expected to show these papers. |
> | 60 – 69 | **D** | |
> | 59 – 0 | **F** | |

Make-up Policy:

You are expected to take all unit tests and the final exam at the assigned times. If one of these is missed because of illness, a doctor's excuse is required for a make-up. Other make-ups must be set up with special permission before the regular test is administered. All make-up work must be completed within one week. There are no make-ups on quizzes; however, if you take all the quizzes, at least 1 may be dropped at the end of the term.

Academic Integrity:

Honesty and integrity are basic virtues expected of all students at Mississippi College. The Mississippi College Bulletin Policy 2.19 lists the policies and penalties for plagiarism and cheating on tests, quizzes, and individual out-of-class projects. I am assuming that your work will be your own and cheating will not be tolerated.

Absences:

The maximum number of absences for a **MWF** class is **12**. Any more than that number (excused or unexcused) will result in an **F**—this is the university's policy! Remember, **3 tardies = 1 absence.**

Methods of Instruction:

The format of class meetings will consist of lectures, questioning about homework assignments, and group activities. Student participation will be encouraged via class discussions and problems presented on the board.

Homework:

Assignments will be made each class meeting—some to be turned in and some to be kept in your notebook. To receive full credit for these assignments, they must be turned in at the beginning of class on the assigned day.

Special Accommodations:

If you need special accommodations due to learning, physical, psychological, or other disabilities, please contact Dr. Buddy Wagner in the Counseling and Career Development center. He may be reached by phone at 601-925-3354 or by mail at Box 4016, Clinton, MS 39056.

Important Dates:

Last day to drop this course:	Friday, October 28
Final Exam:	Friday, December 9th – 10:00am – 12:00pm
Labor Day:	Monday, September 5th (No Class)
Fall Break:	Monday & Tuesday, October 10-11 (No Class)