**MATHEMATICS 100 SYLLABUS**

**TEXT: Developmental Mathematics, 9th edition,** Bittinger and Beecher, Pearson Publishing ISBN: 0-321-99717-3

**CATALOG DESCRIPTION MAT 100 - COLLEGE ALGEBRA BASICS**

**ELECTIVE CREDIT: 3 semester hours**

**PREREQUISITE:** ACT MAT subscore less than 20 OR approval by instructor. Required of students judged to be unprepared for MAT 111; carries elective credit but does not count toward a major, minor, or university core curriculum.

**LEARNING OBJECTIVES:** Upon successful completion of this course, the student will demonstrate an understanding of the following topics: basic operations on whole numbers, solving equations and inequalities, exponential notation and evaluating expressions involving exponents operations on polynomials, factoring.

**RATIONALE:** Students entering the college on restricted admission and students who have been away from an academic setting for a while often find their mathematics skills inadequate to pursue the required mathematics courses for their field of study or the core curriculum. This course attempts to fill in the gaps in these students’ mathematical background.

**GRADING SCALE:**

* **90—100 A**
* **80—89 B**
* **70—79 C**
* **60—69 D**

Your grade will be computed using a point system—points will be earned on unit tests, quizzes, homework, class participation, and a final exam (20%).

**MAKE UP POLICY:**

**ACADEMIC INTEGRITY:** Honesty and integrity are basic virtues expected of all students at Mississippi College. Please refer to the section on Honesty in the Catalog.

**ATTENDANCE:** University policy states:

A student receives a grade of F in a course immediately upon accumulating the following number of absences, whether excused or unexcused:

12 in semester classes meeting 3 times per week

8 in semester classes meeting 2 times per week

4 in semester classes meeting 1 time per week

4 per session in the Accelerated Degree program (ADP)

6 in summer day classes

In other classes which meet on different schedules, a student will receive an F in a classes immediately when absences, whether excused or unexcused, (including university functions), exceed 25% of the class meetings.

**MATERIALS NEEDED**: TI – 30X IIS calculator, **pencils** (no pen), access to computer

**METHODS OF INSTRUCTION:** classroom lectures and small group work

**HOMEWORK:** as needed, by the instructor

**MISSISSIPPI COLLEGE ACADEMIC POLICIES**: Students should consult the Mississippi College policy manual for official information regarding:

• Class attendance - Policy 2.10

• Grading - Policy 2.15

• Cheating - Policy 2.19

• Counseling and Career Services - Policy 2.25

• Research - Policy 2.27

• Counseling and Testing Center - Policy 2.34

Students who may require special accommodations due to learning, physical, psychological, or other disabilities, please contact the Counseling and Career Development Center.

The Generic Grading Scale for this course is A = 90-100, B = 80-89, C = 70-79, D = 60- 69. Individual instructors are free to choose a different grading scheme so students should consult their section's particular syllabus for the official grading scale to be utilized.

**Tutoring Hours**: Hours and location for the departmental tutoring center are posted at http://www.mc.edu/academics/academic-tutoring/ .