SYLLABUS FOR MAHD090
BASIC MATH SKILLS

Instructor: Office:
Phone: (859) 572-   Office Hours:
                 (859) 572-5377

E-Mail: Fax: (859) 572-6097

TEXT: Basic Mathematics: **5th Edition** by Akst/Bragg, including MyMathLab (MML) computer access code,
            (either packaged with textbook, or purchased online with e-book)
MATERIAL TO BE COVERED: Chapters 1−7 and 9, plus sections 8.2, 11.2, 11.3, and 11.4

MML Course ID: _____

CALCULATOR POLICY:
- Calculators are not permitted on the Pre-test and the Post Test.
- Calculators are not permitted to be used on the chapters with whole numbers, fractions, decimals, and signed numbers (integers) (Chapter 1, 2, 3, and 7 in Akst & Bragg, 4th ed.).
- The final exam will have corresponding calculator and non-calculator use sections.

Student Learning Outcomes
Students will be able to:
1. Perform arithmetic operations on whole numbers, integers, fractions, and decimals.
2. Write decimals as percents and vice versa.
3. Simplify expressions involving real numbers using the order of operations.
4. Simplify algebraic expressions and combine like terms.
5. Evaluate algebraic expressions with one variable.
6. Apply the appropriate formulas to find the perimeter, area, and volume of geometric figures.
7. Identify examples of the Commutative, Associative, and Distributive Laws.
8. Solve linear equations in one variable using the addition and multiplication properties of equations.
9. Read, interpret, and plot points on a number line and in a plane.
10. Write ratios and solve proportions.
11. Solve problems using the basic percent equation.
12. Identify terms used in the course.
13. Apply the concepts learned in the course to solve application problems.

ATTENDANCE: You are expected to be present for **EVERY** class. Attendance will be taken. Students are responsible for all material assigned or discussed in class.

HOMEWORK: Homework will be assigned each day. Note: These assignments should be considered a minimum preparation for the following class. Some homework assignments may be completed on MyMathLab.

TESTS: There will be 100-point chapter tests and a 200-point final exam. All tests and the final exam will be cumulative. Only one test may be made up and then only for a serious, verifiable reason. You must contact the instructor **ON OR BEFORE** the scheduled test day and arrange to take a makeup before the next class. If you do not contact the instructor on or before the test day, no makeup will be given and you will receive a grade of zero for that test.

QUIZZES: Quizzes will be given periodically.

GRADING: The grade is based on a combination of homework, quizzes, in-class activities, tests, and the final exam. The grade scale is:

96-100	A
94-95.9	A-
91-93.9	B+
89-90.9	B
87-88.9	B-
84-86.9	C+
80-83.9	C
75-79.9	C-
Below 75	F

Midterm grades will be issued to all students who have successfully completed fewer than 30 semester hours. You can access these grades through MyNKU. Midterm grades are not part of your permanent record. These grades do not guarantee a good or bad class grade; they reflect a current level of performance that can be altered by the quality of subsequent work.

FINAL EXAM: Date: _____ Time: _____

NOTE: **MAHD 090 DOES NOT count toward graduation, DOES NOT meet the general studies requirement, and DOES NOT count in the GPA.**

WITHDRAWALS: The last day to drop and receive a 50% tuition reimbursement is _____. The last day to withdraw (with no reimbursement) is _____. Withdrawals after that date are generally NOT permitted. Documentation is required for any late withdrawal.

- **The accompanying departmental syllabus is part of the syllabus of this course.**

- **The instructor reserves the right to make any changes in the syllabus as deemed necessary.**