FD '02

MATH 102 Introductory Algebra
Course Syllabus Fall 2002

Instructor: Mavourneen Wilcox
E-mail: mavourneen.wilcox@verizon.net
Phone: 808-324-1147
Office hours: To be announced

Class time and location:
MWF 11:00-11:50am in Henry Hall Room 39

Prerequisite:
MA098, or by placement test or equivalent

Course Goals:
Introductory algebra is a course covering the basic tools and fundamentals of algebra. Throughout the class students will learn to identify and express mathematical ideas graphically, numerically, symbolically, and in writing.

Course Description:
Introductory will prepare students for MA103, College Algebra. Properties of real numbers, polynomials, factoring skills, rational expressions, simple radicals, lines and linear equations, systems of linear equations, applications of equations (word problems).

Topics include:
The real number system, sets of real numbers, linear equations and inequalities, simplifying expressions, solving equations and inequalities, the rectangular coordinate system, line graphing, polynomials, factoring, rational expressions and equations, roots and radicals, equations of lines, quadratic equations and the quadratic formula.

Text:
Beginning Algebra 5th edition
Authors: Gustafson/Frisk
Publisher: Brooks/Cole

Materials:

Scientific calculators are permitted, although not required. Regular college-ruled notebook paper or graph paper should be used. All graphs must be drawn on graph paper or produced on a computer program. Your homework should be in a notebook separate from your class notes.

Instructional Method:

A variety of instructional methods will be used including lecture, demonstrations of problem-solving applications, individual activities, group activities.

Attendance Requirements:

Students who expect to be absent need to qualify for an excused absence, the student should notify the instructor prior to class time and written verification, such as a physician's statement, may be required upon the student's return. Attendance at all written tests and final exam is required. Students wishing to withdraw must do so within the allowed add/drop period. Please review the academic withdrawal policy.

Evaluation and Grading Techniques:

The course grade will be determined by homework assignments and tests. Homework will be assigned weekly and due the following week. The grading scale is as follows:

Homework:	25%
Tests:	50%
Final:	25%

Homework's and tests will be graded numerically and the final numerical average will be converted to a letter grade according to the following scale:

90-100	=	A
80- 89	=	B
70- 79	=	C
Below 70	=	F