

**WILMINGTON UNIVERSITY
COLLEGE OF EDUCATION AND LIBERAL ARTS
BASIC COURSE INFORMATION**

COURSE NUMBER: MAT 101

COURSE NAME: College Math I

I. COURSE OBJECTIVES:

Upon completion of this course the student will be able to:

1. Learn fundamental principles, generalizations, or theories
2. Learn to *apply* course material (to improve thinking, problem solving, and decisions)
3. Gain factual knowledge (terminology, classifications, methods, trends)
4. Demonstrate an understanding of real numbers and their properties.
5. Demonstrate an understanding of concepts and techniques of basic algebra including polynomial operations, integer exponents, and the use of formulas.
6. Solve linear equations and inequalities, and quadratic equations.
7. Demonstrate an understanding of data relationships, functions, and