

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

COURSE NUMBER	MAT320
COURSE TITLE	Finite Mathematics
CREDITS	3
PREREQUISITE	MAT205 with a minimum grade of C or college algebra equivalent

FACULTY MEMBER

TERM

METHOD OF CONTACT/ OFFICE HOURS

COURSE TIME BREAKDOWN

40 Hours of Structured Learning Activities

TEXTBOOKS

*A list of course textbooks are available on the Wilmington University Bookstore website:
<http://bookstore.wilmu.edu/>

COURSE DESCRIPTION: This course provides a survey of selected topics in mathematics, with emphasis on problem solving and applications. Algebra and functions will be reviewed. Core topics include exponential and logarithmic functions, interest, annuities, systems of linear equations, matrix operations, linear programming, the simplex method, set theory, probability, and counting theory.

COURSE OBJECTIVES:

1. Analyze polynomial, rational, exponential, and logarithmic functions graphically.
2. Solve polynomial, rational, exponential, and logarithmic functions algebraically, especially with regard to contextual applications.
3. Analyze linear programming problems using graphs, matrices, and equations.
4. Analyze set relationships.

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misconceptions. If a student cannot meet a deadline, it is the student's responsibility to contact the instructor ahead of time, requesting an extension. When requesting an extension, the student must provide credible information and/or documentation to the instructor for review. The instructor will review requests and grant extensions on a case-by-case basis.

Possible reasons to request extensions: military