

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

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

**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