WILMINGTON UNIVERSITY
COLLEGE OF EDUCATION AND LIBERAL ARTS
BASIC COURSE INFORMATION

COURSE NUMBER   MAT332

COURSE TITLE   **The History of Mathematics**

CREDITS   **3**

PREREQUISITE   **MAT308 or MAT312, MAT311 and MAT331**

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 an overview of the historical evolution of major
concepts in mathematics including counting and number systems, geometry, algebra, calculus, and
statistics. The contributions of various civilizations ranging from Babylonia and Egypt through Greece
and the Middle East to the modern world are reviewed. Biographical sketches of some of the marks through complex numb
4. Discover the development of algebra.
5. Evaluate the various developments of calculus, specifically focusing on contribut
Newton, Leibniz, Euler, Bernoulli and Gauss.
6. Compare and contrast the development and characteristics of non-Euclidean geon
7. Examine the development of statistics, specifically focusing on Bernoulli, Legenc
Nightingale and DeMoivre.
8. Explore the interrelationship between mathematics, science, and technology.

METHODOLOGY

A.   Teaching and Learning Strategies

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