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 eBobytiaphofaluskdtehelscoftycfinenofally indiks through complex numbers.

- 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 geor
- 7. Examine the development of statistics, specifically focusing on Bernoulli, Legend Nightingale and DeMoivre.
- 8. Explore the interrelationship between mathematics, science, and technology.

METHODOLOGY

A. Teaching and Learning Strategies

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