

OFFICIAL SYLLABUS

MATH 300 – HISTORY OF MATHEMATICS FROM ANTIQUITY TO DESCARTES

Adopted – Fall 2003

(Committee: Drs. J. Bryden, M. Hasty, J. Parish)

Catalog Description. The development of mathematics from antiquity through the development of analytic geometry. Prerequisite: Math 125.

Textbook – *AN INTRODUCTION TO THE HISTORY OF MATHEMATICS*, by Eves.
(Sixth Edition)

Course Outline and Topics

- Chapter 1 Numeral Systems
- Chapter 2 Babylonian and Egyptian Mathematics
- Chapter 3 Pythagorean Mathematics
- Chapter 4 Duplication, Trisection, and Quadrature
- Chapter 5 Euclid and His Elements
- Chapter 6 Greek Mathematics After Euclid
- Chapter 7 Chinese, Hindu, and Arabian Mathematics
- Chapter 8 European Mathematics, 500 to 1600
- Chapter 9 The Dawn of Modern Mathematics
- Chapter 10 Analytic Geometry and Other Precalculus Developments

Any instructor should cover all of the material specified.