

FEDERAL UNIVERSITY OF AGRICULTURE, MAKURDI
COLLEGE OF AGRICULTURAL AND SCIENCE EDUCATION
DEPARTMENT OF MATHEMATICS EDUCATION

MTE 201: HISTORY OF MATHEMATICS (2 UNITS)

COURSE SYNOPSIS

1. MATHEMATICS IN ANCIENT CIVILIZATION
 - a. Babylonian Mathematics
 - b. Egyptian Mathematics
 - c. Greek Mathematics

2. DEVELOPMENT OF MATHEMATICS IN EUROPE
 - a. Solution of Cubic and Quartic Equations
 - b. Invention of Calculus and Co-ordinate Geometry
 - c. Non-Euclidean Geometry

3. BIOGRAPHICAL SKETCHES OF FAMOUS MATHEMATICIANS

4. AFRICAN INDIGENOUS MATHEMATICS

RECOMMENDED TEXTS AND READINGS

- i. Revisiting the Mathematics of our Ancestors. By Joshua Abah ABAH
- ii. The History of Mathematics: An Introduction. By David M. Burton

COURSE INSTRUCTORS: DR. B. O. ABAKPA and MR. J. A. ABAH