

SALISBURY UNIVERSITY DEPARTMENT OF MATHEMATICS & COMPUTER SCIENCE
SYLLABUS (Tentative)
MATH 480 *History of Mathematics*

Objective: What is mathematics? Where, when, and how did it originate? How did it develop to the status that it holds in our culture today? What has been the relationship between it and the general culture? To explore these questions is the objective of the course.

Prerequisite: MATH 202 or 210 (both recommended), completed with a grade of C or better.

Texts: “An Introduction to the History of Mathematics” by Howard Eves; Brooks Cole Publishers, 6th Edition, 1990;

	Topic	Weeks
		1.0
	I. Numeral Systems	1.0
	II. Babylonian and Egyptian Mathematics	1.0
	III. Pythagorean Mathematics	2.0
	IV. Duplication, Trisection and Quadrature	0.5
	V. Euclid and his Elements	0.5
	VI. Greek Mathematics after Euclid	1.0
	VII. Chinese, Hindu and Arabian Mathematics	0.5
	VIII. European Mathematics	1.0
	IX. The Dawn of Modern Mathematics	0.5
	X. Calculus and other Precalculus Developments	0.5
	XI. The Calculus and Related concepts	0.5
	XII. Eighteenth Century	1.5
	XIII. Nineteenth Century	1.5
	XIV. Twentieth Century	1.0
	Tests	_____
EVALUATION		14 weeks
	Three tests	45%
	Paper	15%
	Homework/quizzes	15%
	Final examination	25%

****Graduate students will be assigned special homework/test problems or projects.**