COURSE OUTLINE

(1) GENERAL

SCHOOL	SCHOOL OF SCIENCES		
ACADEMIC UNIT	DEPARTMENT OF MATHEMATICS		
LEVEL OF STUDIES	UNDERGRADUATE PROGRAM		
COURSE CODE		**SEMESTER**	**G**
COURSE TITLE	HISTORY OF MATHEMATICS		
INSTRUCTOR	Konstantina Zormbala		
INDEPENDENT TEACHING ACTIVITIES		**WEEKLY TEACHING HOURS**	**CREDITS**
		4	6
COURSE TYPE	Special background		
PREREQUISITE COURSES:	NO		
LANGUAGE OF INSTRUCTION and EXAMINATIONS:	GREEK		
IS THE COURSE OFFERED TO ERASMUS STUDENTS	YES		
COURSE WEBSITE (URL)	http://www.math.aegean.gr/index.php/en/academics/undergraduate-programs		

(2) LEARNING OUTCOMES

Learning outcomes
Objectives of the course are to acquire the necessary theoretical framework for the historical evolution of the science of mathematics, which is a basic tool for understanding of modern mathematics.
General Competences
Working independently. Team work. Working in an interdisciplinary environment.

(3) SYLLABUS

Mathematics before the sixth century (Ancient Mathematics - The Beginnings of Mathematics in Greece). Medieval Mathematics: 500-1400 (China, India, Islam). Early Modern Mathematics: 1400-1700 - The Beginnings of Calculus. Modern Mathematics: 1700-2000 - Analysis, Algebra, Geometry.	
TEACHING MATERIAL DISTRIBUTION	The teaching material of the course is uniformly distributed during the semester.

(4) TEACHING and LEARNING METHODS - EVALUATION

DELIVERY	Face-to-face
USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY	Communication with students via e-mail
TEACHING METHODS	***Activity*** / ***Semester workload***
	Lectures: 52
	Independent study: 98
	Course total (25 per ECTS): ***150***
COURSE COMMITMENTS	Attending course is not obligatory.
STUDENT PERFORMANCE EVALUATION	Student's evaluation is done in Greek through a written examination. For students with disabilities, evaluation takes place via oral exams.

(5) ATTACHED BIBLIOGRAPHY

1. Katz Victor. (2013). Ιστορία των Μαθηματικών (μετάφραση Κ. Χατζηκυριάκου). Ηράκλειο: Πανεπιστημιακές Εκδόσεις Κρήτης.
2. C. Boyer & U. Merzbach. (1997) Η Ιστορία των Μαθηματικών (μετάφραση Β. Κουσουλάκου). Αθήνα: Εκδόσεις Γ.Α. Πνευματικός.
3. Cooke Roger L. (2013.) The history of mathematics: a brief course. Hoboken NJ: Wiley.
4. Stillwell John. (2010) Mathematics and Its History. New York, NY: Springer Science+Business Media, LLC.
5. Joseph W. Dauben. (2002). Writing the history of mathematics: its historical development / ed.: ... Basel [u.a.]: Birkhäuser.