

COURSE OUTLINE

(1) GENERAL

SCHOOL	SCHOOL OF SCIENCES		
ACADEMIC UNIT	DEPARTMENT OF MATHEMATICS		
LEVEL OF STUDIES	UNDERGRADUATE PROGRAM		
COURSE CODE		SEMESTER	H
COURSE TITLE	HISTORY OF MATHEMATICAL EDUCATION		
INSTRUCTOR	Konstantina Zorbala		
INDEPENDENT TEACHING ACTIVITIES	WEEKLY TEACHING HOURS	CREDITS	
	3	4,5	
COURSE TYPE	Specialised general knowledge		
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 international evolution of mathematical education, both in and out of the school (e.g. universities, academies, etc), by which, prospective mathematics teachers can analyze and appreciate present reality in school mathematics and mathematics education in general.
General Competences
Working independently. Team work. Working in an interdisciplinary environment.

(3) SYLLABUS

Review of Secondary Mathematical Education over the last 200 years. History of Mathematical Education in the United States, Canada, France, Germany, Italy. Trends and Characteristics of School Mathematics in Secondary Mathematical Education in Modern Greece. Evolution in the development of mathematical programs in Greece. Historical analysis of mathematical schoolbooks. History of Science School in Greece. History of the Hellenic Military Academy. History of the Euclidean Geometry teaching with emphasis in Greek Education.	
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	39
	Independent study	73,5
	Course total (25 per ECTS)	112,5

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

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| 1. Θωμαΐδης Γιάννης, Καστάνης Νίκος, Τζανάκης Κ. (2006). Ιστορία και Μαθηματική Εκπαίδευση. Θεσσαλονίκη: ΖΗΤΗ. |
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