COURSE OUTLINE

(1) GENERAL

SCHOOL	SCHOOL OF SCIENCES		
ACADEMIC UNIT	DEPARTMENT OF MATHEMATICS		
LEVEL OF STUDIES	POSTGRADUATE **Studies in Mathematics**		
COURSE CODE	**D1.4**	**SEMESTER**	
COURSE TITLE	TOPICS IN DIFFERENTIAL EQUATIONS		
INDEPENDENT TEACHING ACTIVITIES		**WEEKLY TEACHING HOURS**	**CREDITS**
		2	6.5
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
Comprehensive understanding of advanced topics in differential equations, encompassing both theoretical and applied perspectives.
General Competences
Ability to analyze and synthesize data and information. Adaptability to new situations requiring advanced subject knowledge. Capacity to work independently. Effective teamwork skills. Generation of innovative research ideas

(3) SYLLABUS

The syllabus is decided by the lecturer and is concentrated on some advanced topic in Differential Equations.

(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	26
Independent study	99
Written assignments	37.5
Course total (25 per ECTS)	***162.5***

STUDENT PERFORMANCE EVALUATION	Student evaluation is done in Greek through a written examination which includes short-answer equations and problem solving. For students with disabilities, evaluation takes place via oral exams.

(5) ATTACHED BIBLIOGRAPHY

The bibliography is determined by the lecturer.