

## COURSE OUTLINE

### (1) GENERAL

<b>SCHOOL</b>	SCHOOL OF SCIENCES		
<b>ACADEMIC UNIT</b>	DEPARTMENT OF MATHEMATICS		
<b>LEVEL OF STUDIES</b>	POSTGRADUATE <b>Studies in Mathematics</b>		
<b>COURSE CODE</b>	<b>D2.4</b>	<b>SEMESTER</b>	
<b>COURSE TITLE</b>	DIFFERENTIAL EQUATIONS SEMINAR		
<b>INDEPENDENT TEACHING ACTIVITIES</b>	<b>WEEKLY TEACHING HOURS</b>	<b>CREDITS</b>	
	1	3.5	
<b>COURSE TYPE</b>	GENERAL BACKGROUND		
<b>PREREQUISITE COURSES:</b>	NO		
<b>LANGUAGE OF INSTRUCTION and EXAMINATIONS:</b>	GREEK		
<b>IS THE COURSE OFFERED TO ERASMUS STUDENTS</b>	YES		
<b>COURSE WEBSITE (URL)</b>	<a href="http://www.math.aegean.gr/index.php/en/academics/undergraduate-programs">http://www.math.aegean.gr/index.php/en/academics/undergraduate-programs</a>		

### (2) LEARNING OUTCOMES

<b>Learning outcomes</b>
Study of a special topic in Differential Equations with purpose the understanding of a specific advanced and of postgraduate level topic.
<b>General Competences</b>
Working independently. Team work. Production of free, creative and inductive thinking. Search for analysis and synthesis of data and information.

### (3) SYLLABUS

The syllabus is determined by the lecturer.

### (4) TEACHING and LEARNING METHODS - EVALUATION

<b>DELIVERY</b>	Face-to-face	
<b>USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY</b>	Communication with students via e-mail	
<b>TEACHING METHODS</b>	<i>Activity</i>	<i>Semester workload</i>
	Lectures	13
	Independent study	49.5
	Written assignments	25
	Course total (25 per ECTS)	<b>87.5</b>
<b>STUDENT PERFORMANCE EVALUATION</b>	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.

