

## COURSE OUTLINE

### (1) GENERAL

<b>SCHOOL</b>	SCHOOL OF SCIENCES		
<b>ACADEMIC UNIT</b>	DEPARTMENT OF MATHEMATICS		
<b>LEVEL OF STUDIES</b>	UNDERGRADUATE PROGRAM		
<b>COURSE CODE</b>		<b>SEMESTER</b>	<b>H</b>
<b>COURSE TITLE</b>	SPECIAL TOPICS IN MATHEMATICS II		
<b>INDEPENDENT TEACHING ACTIVITIES</b>		<b>WEEKLY TEACHING HOURS</b>	<b>CREDITS</b>
		3	4,5
<b>COURSE TYPE</b>	Specialised general knowledge		
<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>
<p>Upon completion of the learning process, the student will be able to:</p> <ul style="list-style-type: none"> <li>• Understand topics in the cognitive field of the course.</li> <li>• To use the knowledge and understanding acquired to solve problems in the cognitive field of the course.</li> <li>• Collect and interpret relevant data in order to make judgments on scientific issues.</li> <li>• Communicate information, ideas, problems and solutions to both qualified and non-specialized audiences.</li> </ul> <p>Develop those skills to acquire the knowledge needed to continue in further studies with a high degree of autonomy.</p>
<b>General Competences</b>
Working independently. Team work. Working in an interdisciplinary environment.

### (3) SYLLABUS

Course with specialized content from a certain area of mathematics not covered by other offered courses.

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

<b>DELIVERY</b>	Face-to-face	
<b>USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY</b>	<ul style="list-style-type: none"> <li>• Communication with students via e-mail</li> <li>• Uploading course material on moodle system.</li> </ul>	
<b>TEACHING METHODS</b>	<b>Activity</b>	<b>Semester workload</b>
	Lectures	39
	Independent study	73,5
	Course total (25 per ECTS)	<b>112,5</b>
<b>STUDENT PERFORMANCE EVALUATION</b>	Student's evaluation is done in Greek through a written examination which includes short-answers questions and	

	problem solving. For students with disabilities, evaluation takes place via oral exams.
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**(5) ATTACHED BIBLIOGRAPHY**

Depends on the topics presented.
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