

## ■ CE87 - Special Math Subjects II

### GENERAL

<b>SCHOOL</b>	EXACT SCIENCES		
<b>DEPARTMENT</b>	MATHEMATICS		
<b>LEVEL OF STUDIES</b>	UNDERGRADUATE		
<b>COURSE CODE</b>	CE87	<b>SEMESTER</b>	H
<b>COURSE TITLE</b>	SPECIAL MATH SUBJECTS II		
<b>INDEPENDENT TEACHING ACTIVITIES</b>	<b>WEEKLY TEACHING HOURS</b>	<b>ECTS</b>	
Lectures	4	6	
<b>COURSE TYPE</b>	Scientific Field Skills Development		
<b>PREREQUISITE COURSES</b>	-		
<b>LANGUAGE OF TEACHING AND EXAMINATIONS</b>	Greek/English		
<b>THE COURSE IS OFFERED TO ERASMUS STUDENTS</b>	YES		
<b>COURSE WEBSITE (URL)</b>	<a href="http://eclass.uowm.gr/">http://eclass.uowm.gr/</a>		

### LEARNING OUTCOMES

<b>Learning Outcomes</b>
<p>Upon successful completion of the course, the students:</p> <ul style="list-style-type: none"> <li>• will have delved into a subject,</li> <li>• will have become familiar with specific scientific problems,</li> <li>• will have gained experience in how to write a scientific paper.</li> </ul>
<b>General Competencies</b>

- Search for, analysis and synthesis of data and information, with the use of the necessary technology.
- Decision making.
- Production of free, creative and inductive thinking.

### CONTENT OF THE COURSE

The subject of the course is the knowledge of the supervisor who undertakes to guide a student or a group of students in the preparation of an assignment. The aim is to familiarize the student with specific scientific problems and to gain experience in how to write a scientific paper.

### TEACHING AND LEARNING METHODS - EVALUATION

<b>TEACHING METHOD</b>	Face-to-Face.	
<b>USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY</b>	Software MATLAB. e-Lectures. Use of e-class.	
<b>TEACHING ORGANIZATION</b>	<b>Activity</b>	<b>Semester Workload</b>
	Individual Study	150 hours
	Course Total (25 hours per ECTS)	150 hours
<b>STUDENT EVALUATION</b>	Project 100%.	

### RECOMMENDED BIBLIOGRAPHY

The bibliography is determined by the supervisor.