COURSE OUTLINE

(1) General

School:	Social Sciences		
Academic Unit:	Geography		
Level of studies	Undergraduate		
Course Code:	GEO 313	**Semester:**	F
Course Title:	Applied Geomorphology and Cartography		
Independent Teaching Activities	**Weekly Teaching Hours**	**Credits**	
Lecture	3		
		Course total	5
Course Type:	Required Elective		
Prerequisite Courses:	Physical Geography - Geomorphology		
Language of Instruction and Examinations	Greek		
Is the course offered to Erasmus students:	No		
Course Website (Url):	https://geography.aegean.gr/pps/index_en.php?content=0&lesson=313		

(2) Learning Outcomes

Learning Outcomes

General Competences

1. Search for, analysis and synthesis of data and information, with the use of the necessary technology
2. Working independently
3. Team work
4. Respect for the natural environment
5. Production of free, creative and inductive thinking

(3) Syllabus

Introduction. Morphological study.
Identification of geomorphological structures and ways of mapping in geomorphological maps.
Depot and sedimentation environments.
River geomorphology - Geomorphs of erosion and deposition.
Karstic geomorphology - Identification and mapping of surface and underground karstic structures.
Glacial geomorphology.
Gravity Movements - Slope sliding
Tectonic geomorphology - Morphotectonics - Identification and mapping of landforms of tectonic origin.
Active processes and relief. Palaeoseismology.
Quantitative morphetectural analysis.
Volcanic processes and landforms - Types of volcanic formations and structures - Recognition and mapping of volcanic structures.
Wind processes - Identification and classification of wind landforms. Sorting and mapping dunes.

Coastal landforms and processes.

(4) Teaching and Learning Methods - Evaluation

Delivery:	Face to face	
Use of Information and Communication Technology:	Student contact electronically. Power point presentations.	
Teaching Methods:	**Activity**	**Semester workload**
Lecture	39	
Fieldwork	8	
Project	40	
Non-supervised study	45	
Performance evaluation/Exams	3	
	Course total<	135

Student Performance Evaluation

(5) Attached Bibliography