COURSE DISCRIPTION

1. GENERAL

SCHOOL	ENVIRONMENT, GEOGRAPHY AND APPLIED ECONOMICS		
DEPARTMENT	GEOGRAPHY		
LEVEL OF COURSE	Undergraduate		
COURSE CODE	GEO601	**SEMESTER**	2d
COURSE TITLE	INTRODUCTION TO CARTOGRAPHY		

STRUCTURE OF TEACHING ACTIVITIES	**TEACHING HOURS PER WEEK**	**NUMBER OF CREDITS ALLOCATED (ECTS)**
Lectures and Laboratory Classes	3	5

TYPE OF COURSE	Compulsory
PREREQUISITES	-
LANGUAGE OF INSTRUCTION	GREEK
COURSE OFFERED TO ERASMUS STUDENTS	YES (in English if required)
(URL)	

2. EXPECTED LEARNING OUTCOMES

Learning outcomes

Describe the objectives of the course as well as the expected learning outcomes

The aim of the course is to introduce cartography and to help students familiarise with the understanding of maps as well as map making. Cartography generally concerns the art, science and ethics of map creation and use. This course introduces issues related to the understanding, creation and use of maps, such as basic geodesy concepts, scale, cartographic projections, coordinate systems, the creation of thematic and choropleth maps as well as geocoding.

3. COURSE CONTENTS

- Introduction to Cartography
- Map Projections
- Scale
- Coordinate Systems
- Types of Maps (thematic / topographic)
- Elements of cartographic design
- Organising the cartographic design
- Topographical/Thematic maps
- Visual perception and color. Cartographic symbols

• Mapping with QGIS

4. TEACHING AND ASSESSMENT METHODS	
TYPE OF LECTURES	In class lectures Laboratory Lectures and Practice
ICT USE	Internet use and e-class, use of software (QGIS)
TEACHING STRUCTURE	***Activity*** — ***Hours per semester*** Lectures — 26 Laboratory — 13 Project — 30 Studying — 60 TOTAL — ***129***
ASSESSMENT METHODS	Assessment Language: Greek Assessment Methods The assessment criteria are announced at the start of the semester

5. RECOMMENDED READING

- Elements of Cartography, A. Robinson, J. Morrison, P. Muehrcke, A. Kimerling, S. Guptill
- ΣΤΟΙΧΕΙΑ ΑΝΑΛΥΤΙΚΗΣ ΧΑΡΤΟΓΡΑΦΙΑΣ, ΒΥΡΩΝΑΣ ΝΑΚΟΣ, ΕΚΔΟΣΕΙΣ ΠΑΠΑΖΗΣΗ, 2021