AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Map Informatıon And Applıcatıons.						
Course Code	SBÖ003			Couse Level	First Cycle (Bachelor's Degree)		
ECTS Credit	4	Workload	100 *(Hours)*	Theory	2	Practice	0	Laboratory	0
Objectives of the Course	From the creation of the map to the reproduction of the cartographic all stages (map-making technique) and to provide the necessary knowledge and skills for the use of the map. In order to benefit from maps effectively, to gain the ability to apply various methods and techniques on maps.						
Course Content	Basic concepts and definitions, World and Turkish mapping, Real projections (Normal, oblique, transversal, tangent and cut; plane, conical and cylindrical projections), Non-real projections, General characteristics of geodetic projections, Map construction stages, Generalization, Landforms (topographic) structure map, use of maps, reproduction of maps. Drawing elements, length, area on the map, slope calculations, principles of map preparation, topographic profile analysis, elevation profile, slope, slope analysis, application of the application types and graphics						
Work Placement	N/A						
Planned Learning Activities and Teaching Methods			Explanation (Presentation), Discussion, Individual Study				
Name of Lecturer(s)	Res. Assist. Alaattin ARIKAN						

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	70

Recommended or Required Reading

1	BİLGİN, Turgut,1983: Genel Kartoğrafya-I. Bakış Yayınları, İSTANBUL.
2	ZGEN, M.Gündoğdu,1974: Kartografyaya Giriş. İTÜ yay. Sayı:1003, İSTANBUL.
3	UÇAR, D. İPBÜKER, C. BİLDİRİCİ, İ.Ö. 2004, Matematiksel Kartografya. Atlas yay. İSTANBUL.

Week	Weekly Detailed Course Contents	
1	Theoretical	The cartography in the world and in Turkey gelişimi.projeksiyon
2	Theoretical	Real projections: 1-Plane projections 2-Conical projections
3	Theoretical	3-Cylindrical projections. General features of geodetic projections
4	Theoretical	Map construction stages.
5	Theoretical	Map of landforms (topographic structure) on the map. Height curves (equivalent line)
6	Theoretical	Haritaların kullanımı. Haritaların çoğaltılması
7	Theoretical	Map drawing materials and instruments. Techniques of magnifying and reducing maps. Area and distance measurements on map.
8	Theoretical	Map drawing materials and instruments. Techniques of magnifying and reducing maps. Area and distance measurements on map.
9	Intermediate Exam	Midterm
10	Theoretical	Elevation analysis
11	Theoretical	Profile analysis. Analysis of slope and slope
12	Theoretical	Drafts of land
13	Theoretical	Homework
14	Theoretical	Characteristics and types of geomorphology maps
15	Final Exam	Final

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	2	5	98
Midterm Examination	1	0	1	1

Final Examination	1	0	1	1
		Total Workload (Hours)		100
		[Total Workload (Hours) / 25*] = **ECTS**		4

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	Knows the history of world and Turkish cartography
2	Explain the system of earth and coordinates. Selects the appropriate map projection
3	Apply cartographic representation techniques. Applies the representation of the third dimension on the map. Apply map reproduction techniques.
4	Compares the use of maps in different areas.
5	Calculates area, length, volume and slope values on maps

Programme Outcomes *(Social Studies Teacher Education)*

1	To be able to gain subject knowledge of profession in theory and practice in the learning process.
2	To be able to make plans related to the subject-matter and gain the competence of using the appropriate approach, strategy, technique for the plans in the learning process.
3	To be able to gain skills of the teaching profession in the learning process.
4	To be able to implement teaching profession knowledge, skills, attitudes and habits related to the subject-matter in a real teaching and learning environment in the learning process.
5	To be able to comprehend contemporary approaches of education and the philosophies they are based on.
6	To be able to gain the basic skills such as comprehending, expressing, commenting, evaluating, being aware and enterprising, communicating, acknowledging the individual related to the subject-matter.
7	To be able to become individuals faithful to the Principles and Revolutions of Ataturk, be modern democratic, secular, protecting and deveoping one's country, being alive to the nation, respecting human rights, preserving the nature, not being discriminatory, giving importance to the traditions and customs, protecting the values
8	To be able to improve oneself in terms of sport, art and culture.
9	To be able to become individuals believing in lifelong learning.
10	To be able to educate individuals who keep up with developments in social, economic, technological and scientific areas, who investigate the main reasons of World problems and try to contribute to the solution of these problems.

Contribution of Learning Outcomes to Programme Outcomes *1:Very Low, 2:Low, 3:Medium, 4:High, 5:Very High*

	L1	L2	L3	L4	L5
P1	5				
P2	5		4		
P3	4	5			
P4		5			
P5				5	
P6					4
P7				4	
P8			5		
P9					4
P10				5	