

Study program		Study cycle Orientation		I study cycle Tourism and Environmental Protection			
SUBJECT							
Subject name		Applicative Cartography					
Subject code	Semester	Subject status			ECTS credits	Contact hours	
FG 107.5-1	II	Mandatory			5	125	
Prerequisites							
Assigned professors and assistants	Subject Leader		Dr. Sc. Snježana Musa, full professor				
	Teaching Assistants						
Subject objectives	Application of knowledge on creating a geographical map, design of content, presentation methods, interpretation of maps in regional and spatial planning, application of modern cartographic representations and IT programs for their creation.						
SUBJECT CONTENT							
o.n.	Teaching units	Contact hours					
		L	P	S	C		
1.	Geographical content on topographic maps: reviewing relief.	2	4	2	2		
2.	Analysis (reading) relief from maps.	2	2	1	1		
3.	Cartographic signatures.	2	2	1	1		
4.	Toponyms and cartographic transcriptions.	2	2	1	1		
5.	Topographic maps.	2	2	1	1		
6.	Elements of topographic maps. Measurement on topography maps.	2	4	2	2		
7.	Test 1	2					
8.	Contemporary topographic maps.	2	2	1	1		
9.	Thematic maps.	2	2	1	1		
10.	Methods of thematical presentations.	2	2	1	1		
11.	Digital cartography.	2	2	1	1		
12.	Atlas. Digital atlas.	2	2	1	1		
13.	Cartography models.	2	2	1	1		
14.	History of cartography.	2	2	1	1		
15.	Test 2	2					
STUDENT WORKLOAD (HOURS)							
Contact Hours (L+P)	60	Practical work		Seminars	15	Exam study time	30
Literature – reading	5	Written papers		Consultations	15	TOTAL	125
LITERATURE				EVALUATION OF KNOWLEDGE AND CRITERIA			
MANDATORY LITERATURE: <ul style="list-style-type: none"> Musa, S; Šakić, D. 2015: Primijenjena kartografija, Sveučilište u Mostaru, Mostar Robinson, A. H., Morrison, J. L., Muehrcke, P. C., Kimerling, A. J., Guptill, S. C. 1995.: Elements of Cartography, John Wiley&Sons, New York. Peterca, M. 1974. :Cartography, VGI, Belgrad Lovrić, P. 1988.: General Cartography, SN Liber, Zagreb. Frančula, N. 2002.: Digital Cartography, 3. edition, Geodetski fakultet.Zagreb. Slocum, T.A. 1999.: Thematic Cartography and visualization, Prentice Hall, New Jersey. ADDITIONAL LITERATURE: <ul style="list-style-type: none"> MacEachren, Alan M. 1995.: How Maps Work. Representation, Visualization and Design, The Guilford Press, New York. Salihović, A.1974.: Applicative Cartography, University of Sarajevo, Sarajevo Kraak, M.J., Ormeling, F. 2003: Cartography: Visualization of Geospatial Data, Pearsons Education Limited, Edinburgh 					PARAMETERS	Maximum Points	Minimum points
				1.	Attendance	10	6
				2.	Participation on lectures	10	6
				3.	Midterm exam	20	11
				4.	Seminar	15	8
				5.	Students project	15	8
				6.	Final exam	30	16
				Total		100	55

