

Study program		Study cycle Orientation		I study cycle Regional and Spatial Planning				
<b>SUBJECT</b>								
Subject name		<b>Applicative Cartography</b>						
Subject code	Semester	Subject status			ECTS credits	Contact hours		
FG 107.5-2	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.							
<b>SUBJECT CONTENT</b>								
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			
<b>STUDENT WORKLOAD (HOURS)</b>								
Contact Hours (L+P)	60	Practical work		Seminars	15	Exam study time	30	
Literature – reading	5	Written papers		Consultations	15	<b>TOTAL</b>	<b>125</b>	
<b>LITERATURE</b>				<b>EVALUATION OF KNOWLEDGE AND CRITERIA</b>				
<b>MANDATORY LITERATURE:</b> <ul style="list-style-type: none"> <li>Musa, S; Šakić, D. 2015: Primijenjena kartografija, Sveučilište u Mostaru, Mostar</li> <li>Robinson, A. H., Morrison, J. L., Muehrcke, P. C., Kimerling, A. J., Guptill, S. C. 1995.: Elements of Cartography, John Wiley&amp;Sons, New York.</li> <li>Peterca, M. 1974. :Cartography, VGI, Belgrad</li> <li>Lovrić, P. 1988.: General Cartography, SN Liber, Zagreb.</li> <li>Frančula, N. 2002.: Digital Cartography, 3. edition, Geodetski fakultet.Zagreb.</li> <li>Slocum, T.A. 1999.: Thematic Cartography and visualization, Prentice Hall, New Jersey.</li> </ul> <b>ADDITIONAL LITERATURE:</b> <ul style="list-style-type: none"> <li>MacEachren, Alan M. 1995.: How Maps Work. Representation, Visualization and Design, The Guilford Press, New York.</li> <li>Salihović, A.1974.: Applicative Cartography, University of Sarajevo, Sarajevo</li> <li>Kraak, M.J., Ormeling, F. 2003: Cartography: Visualization of Geospatial Data, Pearsons Education Limited, Edinburgh</li> </ul>					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	

