

Study program		Study cycle		First study cycle		
		Orientation		Regional and Spatial Planning		
SUBJECT						
Subject name		Topography				
Subject code		Semester	Subject status		ECTS credits	
FG-107.2-2		I	mandatory		5	
Assigned professors and assistants	Subject Leader		Dr. Sc. Lejla Žunić, assistant professor			
	Teaching Assistants					
Subject objectives	<ul style="list-style-type: none"> To achieve knowledge of topographic elements and the topograph map' content To get skill of topographic map interpretation and its use To achieve knowledge of topographic measurements and the map metrics To get knowledge of topographic coordinate systems To understand orientation, methods of measurement, collecting data and mapping 					
SUBJECT CONTENT						
#	Teaching units			Contact hours		
				L	P	S
1.	Topography- definition, study object and learning objectives			2	1	
2.	Topographic elements; Relief and its characteristics			2	2	
3.	Topographic objects and orientation			2	2	1
4.	Content of topographic maps			2	1	
5.	Map scale and cartographic projection			2	2	2
6.	Geodetic markers and coordinate system at map			2	4	2
7.	TEST 1			2		
8.	Mapping and understanding relief on the map			2	2	1
9.	Cartographic signatures; Reading topographic objects at map			2	2	1
10.	Geographic names of objects- toponymy			2	1	1
11.	Topographic map measurement: azimuth, slope; length, square area			2	3	1
12.	Map metrics; Topographic profiles			2	4	2
13.	Field measurements, collecting data and mapping			2	4	2
14.	Aerophotographic and satellite images- interpretation			2	2	2
15.	TEST 2			2		
STUDENT WORKLOAD (HOURS)						
Contact Hours (L+P)		60	Practical work		Seminars	15
Literature – reading			Written papers		Consultations	15
					Exam study time	20
					TOTAL	125
LITERATURE			EVALUATION OF KNOWLEDGE AND CRITERIA			
1. Izmirlić, A. (1999): Vojna topografija. Federalno ministarstvo odbrane, Sarajevo 2. Pavišić, N. (1976): "Osnovi kartografije". Obod, Cetinje 3. Topographic Map Symbols (2016). USGG, Department of the Interior, Geological Survey, USA 4. Topographic Maps and Contours (2016). Academic Resource Centre, The ARC, USA 5. Zbirka kartografskih znakova mjerila 1:500 do 1:25.000 (2011), Državna geodetska uprava, Zagreb			PARAMETERS		Maximum Points	Minimum points
			1.	Attendance	5	3
			2.	Active participation	5	3
			3.	Seminar	10	5
			4.	Final exam	80	44
Total		100	55			
<p>Remarks: According to The Law on Higher Education at University of Sarajevo- Article 64. (7), students that successfully passed both test and fulfilled their obligations, have all rights to receive a final grade without additional knowledge testing.</p> <p>If both test is negative assessment, students are required to take integral test. Criteria for integral (final) test is equal as for the two tests (Test 1 & Test 2)</p> <p>-Student engagement: 1-3 (total: 20)</p>						