		Universitiy of East Sarajevo Faculty of Agriculture Study program: Forestry							CAHN \$ 14			
		Und	ergraduate s	tudies		III year		C JO JHO H	IOBO CARA			
Full name of the subject		FOREST	FOREST UTILIZATION									
Chair		Forestry	Forestry									
Code of the subject			Subject status		5	Semester		ECTS				
І-Ш-3-29о				nandatory		V	V		8			
			alj, assistant professor			1						
Associate (s)			c. Boban Miletić, senior teaching assistant Individual student workload (in semester,						Student workload			
Hours / teachi		ing load (weekly)		individual stude		hours)			coefficient S₀1			
L	AC		LC	L	_	AC	LC		S₀			
4 total topo	3 hina la	ad (in hour	0	4*15*1	,/	3*15*1,7	0*15*1,7	hours come	1,7 stor)			
		ad (in hours, semester) total student workload (in 15 + 0*15 =105 4*15*1,7 + 3*15*1,7 + 0										
Total subject load (teaching + student): 105 + 178.5 = 283.5 hours per semester												
						cesses of forest						
Learning		2. Recording of work process and calculation of the norm time in forest utilization										
outcomes		<ol> <li>Landing site positioning and design of the optimal secondary network of forest roads</li> <li>Development of operational (contractor) production plans with reference to the cost-effectiveness and</li> </ol>										
		4. Development of operational (contractor) production plans with reference to the cost-enectiveness and environmental justification of works that such plans imply.										
Conditionality		There are no conditions for exam registering and listening to the subject										
Teaching methods	Cla	Classes are conducted in the form of lectures, auditory (numerical) exercises, tests, colloquia,										
Teaching methods	COL	consultations										
		1. Introduction to teaching material. Subject of study, significance and perspectives of forest utilization										
		2. Restrictions in forest utilization. Institutional constraints. Constraints related to the general useful functions of the forest and the requirements of silviculture. Restrictions on working conditions. Concepts of										
		forest ecosystem management from the aspect of forest utilization.										
		3. Assumptions and laws of successful application of technological processes of forest utilization. Motives										
		and possibilities of application of mechanization. Technological calculation of mechanization labor costs in										
		forest utilization										
		4. General characteristics and requirements for work in forest utilization. Workers in technological processes of forest utilization and workplace requirements										
		5. Test 1										
		6. Technologies and technological processes in forest utilization. Technological processes in conventional										
Course content by		felling and production of forest wood assortments. Means and techniques of work										
weeks		7. Technological processes in modern felling and production of forest wood assortments based on the use										
		of mechanized aggregates. Conditions and effects of application of mechanized aggregates in felling and										
		production of forest wood products. 8. Technologies for making wood assortments in the landing sites. Landing sites on the tractor road.										
		Landing sites next to the truck road. Central mechanized landing sites.										
	9. (	9. Concepts and definitions of tree skidding. Tree skidding and forest damage. Influential factors of cargo										
						damage to the so						
		10. Secondary road network in the function of tree skidding. Animal skidding tracks. Tractor tracks. Cable										
		yarder lines. Forest landing sites 11. <b>Test 2</b>										
		12. Problems, definitions, phases and general indicators of transport. Mode and means of transport. Costs										
		of transport. Choice of means of transport.										
	13.	13. Optimal network density of skid trails and other road communications										

		landing sites, loading and unloading of wood. tional (performance) production plans in forest utilization a	nd direc	t productior	n costs.					
Required literature	<u> </u>									
Author (s)		Name of publication, publisher	Yea	Pages (from-to)						
Nikolić. S.		Iskorišćavanješuma, Šumarski fakultet Univerziteta u Beogradu	1991							
Bajić V. & Danilović M	1.	Praktikum iz iskorišćavanja šuma, Šumarski fakultet Univerziteta u Beogradu	2003							
		Supplementary literature								
Author (s)		Name of publication, publisher		r P	Pages (from-to)					
Jokanović N., Tešano Delić M., Topalić V., F Samardžija N.		Jedinstvene norme radova u šumarstvu, JPŠ "Srpske šume"	2002							
		Type of student performance evaluation	Points	Percentage						
	Pre-exam obligations									
		attendance at lectures / ex	5+5	10 %						
Obligations, forms			10	10 %						
of knowledge assessment and assessment			10	10 %						
		Colloq	10	10 %						
		Colloq	10	10 %						
	Final exam									
		Final exam (oral /	50	50 %						
	TOTAL		100	100 %						
Website										
Validation date										