Add. 3		Course program fo	or the	first, second and thir	d level (cy	cle) of studi	es	
1.	Course titl			Unconventional method	le of proces	eeina		
2.	Code			226	is or proces	sairig		
3.	Study grou	up(e)		PE, IEM				
4.		nizer of the study program						
٦.		tute, department)						
5.		t, second, third)		First	Griiversity	пт окорје		
6.		year / semester					6	
8.	Instructor	year / semester		Prof D-r Ljuben Dudesk		icuits	0	
0.	instructor	Prof D-r Jasmina Caloska						
9.	Prerequisi	ites		N/A	Nu			
10.	Course ob	jectives (competences):	·					
		Introducing the basic technical and technological characteristics of unconventional methods of processing. Working principles, basic processes and application.						
11.	Course co							
	General concepts, types and division. Processing with abrasive water jet. Ultrasound processing. Working with electro erosion. Working with electronic jet. Treatment with ion jet. Plasma processing. Laser processing. Chemical processing. Electrochemical processing. Unconventional methods for plastic deformation: deformation with fluid pressure, deformation by using rubber and deformation by using explosion.							
12.	Study met							
	Interactive	e lectures, exercises audito	ory and	d / or laboratory, individ	lual and / o	r team workir	ng on	
	project as:	signments, self-study.	-	·				
13.	Total hour	'S		6 ECTS x 30 hou				
14.		cation per activity:		30 + 30 + 40 + 20	0 + 60 = 18	0 hours		
15.	Lectures/L	_ab	15.1			30 hours		
			15.2			30 hours		
16.	Project We	ork/Assignments	16.1	. Project assignments		40 hours		
		16.		2. Individual assignments		20 hours		
			16.3	. Self-study		60 hours		
17.	Points/Marks:							
	17.1. Te	ests				60 points		
	17.2. Pr	ojects				30 points		
	17.3. At	tendance		10 poir		10 points	points	
18.	Grading s	cale		Under			five) (F)	
				51 - 60 poi			(six) (E)	
				61 - 70 poi			/en) (D)	
				71 - 80 poi			ght) (C)	
				81 - 90 poi			ine) (B)	
				91 - 100 points 10 (ten) (A)				
19.	·	ites for taking the final exa	m	Realized activity 16.1				
20.	Language of Instruction			Macedonian				
21.	Course ev	Course evaluation Student questionnaire						
22	Textbook							

22.	Textbooks							
	22.1	Instruction materials						
22.1.	No.	Author	Title	Publisher	Year			

	1.	S. Trajkovski, Lj. Dudeski	Unconventional methods of processing	Ss. Cyril and Methodius University in Skopje	1998		
	2.	Lj. Dudeski, J. Caloska	Unconventional Manufacturing Process	Internal script, Faculty of Mechanical Engineering - Skopje	2010		
	3.						
22.2.	Supplemental Instruction Materials						
	No.	Author	Title	Publisher	Year		
22.2.	1.						
	2.						