

Add. 3		Course program for the first, second and third degree of studies			
1.	Course title	Assembly and welding equipment			
2.	Code	219			
3.	Study group(s)	MJSE, DS			
4.	The organizer of the study program (unit, institute, department)	Faculty of Mechanical Engineering - Skopje, Ss. Cyril and Methodius University in Skopje			
5.	Level (first, second, third degree)	First			
6.	Academic year / semester	summer	7.	Number of ECTS credits	6
8.	Professor	Prof. Jovan Gochev, Ph.D			
9.	Preconditions for enrolling the course	Study program basic courses enrolled			
10.	Purpose of the course program (competences): The student gets capable of planning, organizing and implementing assembly activities. Gets introduced to the basic characteristics of welding equipment. Gains knowledge and subject contents of a large scale in the area of welding standards.				
11.	Contents of the course program: Assembly activity planning. Training in project submission. Assembly instruments. Assembly of different capacity cylindrical reservoirs. Assembly of spherical reservoirs. Columns assembly. Various welding types equipment's characteristics. Welding standards.				
12.	Study methods: Interactive lectures, auditory and/or laboratory practice, selfrunning and/or team work on project assignments, selfrunning assignments				
13.	Total available time period	6 ECTS x 30 hours = 180 hours			
14.	Available time assessment	30 + 30 + 30 + 0 + 90 = 180 hours			
15.	Educational activity module	15.1.	Teaching lectures	30 hours	
		15.2.	Practice, seminars, team work	30 hours	
16.	Other activity module	16.1.	Project assignments	30 hours	
		16.2.	Selfrunning assignments	0 hours	
		16.3.	Home studying	90 hours	
17.	Evaluation methods				
	17.1.	Tests			70 points
	17.2.	Projects			20 points
	17.3.	Activity and participation			10 points
18.	Evaluation criteria (points and marks)		Under 50	5 (five) (F)	
			51 - 60 points	6 (six) (E)	
			61 - 70 points	7 (seven) (D)	
			71 - 80 points	8 (eight) (C)	
			81 - 90 points	9 (nine) (B)	
		91 - 100 points	10 (ten) (A)		
19.	Signature and final exam requirements	Attending lectures and practice.			
20.	Language used for performing the teaching	Macedonian language			
21.	Method used for following the teaching quality	Questionnaire and other type of continuum evaluation			
22.	References				
	22.1.	Main references			
		No.	Author	Title	Publisher
	1.	проф. д-р Тодор Аџиев	Конструкција и изработка на процесна опрема-дел за монтажа		1995

		2.	проф. д-р Велимир Филиповски	Уреди за заварување		2001
		3.				
	22.2.	Additional references				
		No.	Author	Title	Publisher	Year
		1.	Завод за заварување - Белград	Економија		2008