Add. 3	**Course program for the first, second and third degree of studies**					
1.	Course title	Engineering graphics				
2.	Code	157				
3.	Study group(s)	All groups				
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)	First				
6.	Academic year / semester	I/1	7.	Number of ECTS credits	6	
8.	Instructor	Prof. Risto Tashevski, phD				
9.	Prerequisites	none				
10.	Course objectives (competences): Presentation of objects in a 3D coordinate system and orthogonal projections, defining of visual and 3D presentation of the shape of the object, preparation of technical drawings and technical documentation.					
11.	Course content: - Basic principles of the projection, - geometric operations required to determination of sections of the solid objects and surfaces, - 3D presentation of objects, - technical drawing and technical documentation.					
12.	Study methods: interactive lectures, auditory practice and/or laboratory practice, self running and/or team work projects, self learning					
13.	Total hours	180				
14.	Hours allocation per activity:	30+45+0+105+0=180 hours				
15.	Lectures/Lab	15.1.	Teaching lectures	15 x 2 = 30 hours		
		15.2.	Practice, seminars, team work	15 x 3 = 45 hours		
16.	Project Work/Assignments	16.1.	Project assignments	0 hours		
		16.2.	Selfrunning assignments	105 hours		
		16.3.	Home studying	0 hours		
17.	Points/Marks:					
	17.1.	Tests	30+50=80 points			
	17.2.	Projects	0 points			
	17.3.	Attendance	20 points			
18.	Grading scale	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.	Prerequisites for taking the final exam	Realized activities 15.2. and 16.2.				
20.	Language of Instruction	Macedonian language				
21.	Course evaluation	Mechanisms of internal evaluation and questionnaire				

22.	Textbooks					
	22.1.	Instruction materials				
		No.	Author	Title	Publisher	Year
		1.	R. Tashevski	Engineering graphics	Alfa 94, Skopje	2008
		2.				

		3.				
	22.2.	Supplemental Instruction Materials				
		No.	Author	Title	Publisher	Year
		1.				