

Add. 3		Course program for the first, second and third degree of studies			
1.	Course title	Design Techniques			
2.	Code	137			
3.	Study group(s)	IND			
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	summer	7.	Number of ECTS credits	6
8.	Instructor	Assoc. Prof. Sofija Sidorenko, PhD Asist. Prof. Ladislav Cvetkovski			
9.	Prerequisites	Industrial Design - signature			
10.	Course objectives (competences): Training of the students for orientation in 3D space, presentation of bodies in 3D space, manual sketching, drawing, rendering.				
11.	Course content: Techniques for presentation of bodies in 3D space: axonometric and isometric projections, perspective. Manual techniques for sketching, drawing, rendering.				
12.	Study methods: interactive lectures, auditory practice and/or laboratory practice, self running and/or team work projects, self learning.				
13.	Total hours	6 ECTS x 30 hours = 180 hours			
14.	Hours allocation per activity:	30 + 30 + 94 + 26 + 0 = 180 hours			
15.	Lectures/Lab	15.1.	Teaching lectures	30 hours	
		15.2.	Practice, seminars, team work	30 hours	
16.	Project Work/Assignments	16.1.	Project assignments	94 hours	
		16.2.	Selfrunning assignments	26 hours	
		16.3.	Home studying	0 hours	
17.	Points/Marks:				
	17.1.	Tests			60
	17.2.	Projects			30
	17.3.	Attendance			10
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	Finished activities 15.1; 15.2; 16.1			
20.	Language of Instruction	Macedonian language			
21.	Course evaluation				

22.	Textbooks					
	22.1.	Instruction materials				
		No.	Author	Title	Publisher	Year
		1.	Sofija Sidorenko	Design Techniques	internal book	2011
2.	Koos Eissen	Sketching	Production, Graphic Design & Publishing	2007		

		3.				
	22.2.	Supplemental Instruction Materials				
		No.	Author	Title	Publisher	Year
		1.	Alan Pipes	Drawing for Designers	Laurence King Publishing	2007
		2.	Eric Olofsson, Kjara Sjolen	Design Sketching	Production, Graphic Design & Publishing	2005