

Add. 3		Course program for the first, second and third degree of studies			
1.	Course title	Packaging Design			
2.	Code	136			
3.	Study group(s)	Industrial design (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	3/V	7.	Number of ECTS credits	6
8.	Instructor	Prof. Dr. Tatjana Kandikjan			
9.	Prerequisites	1. Product Design with Plastics			
10.	Course objectives (competences): Study of the materials, functionality and structure of packaging. Innovative design and prototyping of packaging. Focus on paper and plastic packaging as well as packaging for high-end products.				
11.	Course content: The role of packaging. Packaging and product marketing. Paper and cardboard. Design principles for paper packaging. Graphics, textual information, barcodes and brand identity. Production methods. Design of plastic bottles. 3D modeling and decoration of bottles for soft drinks, cleaning products, cosmetics, motor oils, etc. Design and analysis of caps and closures. Design and insertion of labels. Other packaging materials. Food packaging. Eco packaging.				
12.	Study methods: interactive lectures, auditory practice and/or laboratory practice, self running and/or team work projects, self learning				
13.	Total hours	180 hours			
14.	Hours allocation per activity:	22+34+100+24=180			
15.	Lectures/Lab	15.1.	Teaching lectures	22 hours	
		15.2.	Practice, seminars, team work	34 hours	
16.	Project Work/Assignments	16.1.	Project assignments	100 hours	
		16.2.	Selfrunning assignments		
		16.3.	Home studying	24 hours	
17.	Points/Marks:				
	17.1.	Tests			
	17.2.	Projects	30+30+30 points		
17.3.	Attendance	10 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	All project assignments completed and at least 45 points from projects earned.			
20.	Language of Instruction	Macedonian			
21.	Course evaluation	Student questionnaire			

22.	Textbooks				
	22.1.	Instruction materials			
		No.	Author	Title	Publisher
1.	T. Kandikjan	Packaging Design	Lecture notes and videos	2010	

		2.				
		3.				
		Supplemental Instruction Materials				
	22.2.	No.	Author	Title	Publisher	Year
		1.	S. DuPuis, J. Silva	Package Design Workbook: The Art and Science of Successful Packaging	Rockport Publishers	2011
		2.	J.Jaques, B. Evrard	The Package Design Book	Tashen	2010
		3.	G. Calver G	What is packaging Design?	RotoVision	2007