

Add. 3		Course program for the first, second and third level (cycle) of studies			
1.	Course title	Dryers			
2.	Code	303			
3.	Study group(s)	TE			
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.	ECTS credits	
8.	Instructor	Assistant Professor Filip Mojsovski, Ph.D.			
9.	Prerequisites	no			
10.	Course objectives (competences): Study of the processes of drying and working knowledge in the field of food drying. Selection, estimation, perfection and manipulation of food dryers.				
11.	Course content: Fundamentals, Moist air diagrams, Equilibrium curves, Drying curves, Modeling and simulation, Simulation and control of dryer work, Dryers construction, Drying processes, Convective dryers, Contact dryers, Vacuum dryers, Cereals drying, Vegetable dryers, Fruits dryers				
12.	Study methods: Interactive teaching, exercises, single-handed lessons				
13.	Total hours	6 ECTS x 30 = 180 classes			
14.	Hours allocation per activity:	30 + 30 + 30 + 30 + 60 = 180 classes			
15.	Lectures/Lab	15.1.	Lectures	30	
		15.2.	Lab (student work)	30	
16.	Project Work/Assignments	16.1.	Project assignments	30	
		16.2.	Individual assignments	30	
		16.3.	Self-study	60	
17.	Points/Marks:				
	17.1.	Tests			70 points
	17.2.	Projects			20 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	no			
20.	Language of Instruction	Macedonian language			
21.	Course evaluation	Surveys and other forms of continuous evaluation			

22.	Textbooks				
	22.1.	Instruction materials			
		No.	Author	Title	Publisher
1.		A. Mojsovski	Dryers	Faculty of Mechanical Engineering - Skopje	2009
	2.				

		3.				
	22.2.	Supplemental Instruction Materials				
		No.	Author	Title	Publisher	Year
		1.	A. Mujumdar	Handbook of industrial drying	Marcel Dekker - New York	1995