

Add. 3		Course program for the first, second and third level (cycle) of studies			
1.	Course title	Psychometrics			
2.	Code	284			
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	winter	7.	ECTS credits	
8.	Instructor	Assistant Professor Filip Mojsovski, Ph.D.			
9.	Prerequisites	no			
10.	Course objectives (competences): Study of the thermodynamic properties and their use for analysis of processes which use moist air, with particular attention on moisture control, Psychrometric diagrams, Thermal comfort, Cooling towers, Climatic curves, Food drying, Exploitation, maintenance, control and design of moist air systems				
11.	Course content: Composition of air, Measurement of air moisture, Hygrometers and psychrometers, Calibration and standards, Moist air diagrams, Meteorology, Thermal comfort, Climatic curves, Cooling towers, Food 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, F. Mojsovski	Applied Psychrometrics	Faculty of Mechanical	2010

					Engineering - Skopje	
		2.				
		3.				
	22.2.	Supplemental Instruction Materials				
		No.	Author	Title	Publisher	Year
		1.	J. Olivieri, T. Singh, S. Lovodocky	Psychrometrics-Theory and Practice	ASHRAE, Atlanta, USA	1996