

Add. 3		Course program for the first, second and third level (cycle) of studies			
1.	Course title	Ergonomics			
2.	Code	151			
3.	Study group(s)	Plnf., IEM			
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	6
8.	Instructor	Prof D-r Jasmina Caloska			
9.	Prerequisites	N/A			
10.	Course objectives (competences): Introduction to the basic principles of ergonomics, definition and analysis of the system person-job-environment, recognizing ergonomic situations and optimization of the working conditions, safety and health at work.				
11.	Course content: Concept and basic principles of ergonomics, anthropometric aspect of the man-machine system, ergonomics as an area for quality improvement, ergonomics in the function of the design, ergonomic design of the working environment, microclimate in the workplace, workplace hazards, risk assessment and safety statement.				
12.	Study methods: Interactive lectures, exercises auditory and / or laboratory, individual and / or team working on project assignments, self-study.				
13.	Total hours	6 ECTS x 30 hours = 180 hours			
14.	Hours allocation per activity:	30 + 30 + 30 + 30 + 60 = 180 hours			
15.	Lectures/Lab	15.1.	Lectures	30 hours	
		15.2.	Lab (student work)	30 hours	
16.	Project Work/Assignments	16.1.	Project assignments	30 hours	
		16.2.	Individual assignments	30 hours	
		16.3.	Self-study	60 hours	
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	Realized activity 17.2			
20.	Language of Instruction	Macedonian			
21.	Course evaluation	Student questionnaire			
22.	Textbooks				
	22.1.	Instruction materials			
		No.	Author	Title	Publisher
	1.	R. Polenakovik, J. Caloska	Ergonomics	/	2012

		2.				
		3.				
	22.2.	Supplemental Instruction Materials				
		No.	Author	Title	Publisher	Year
		1.	Karl Kroemer, Henrike Kroemer, Katrin Kroemer-Elbert	Ergonomics-How to Design for Ease & Efficiency;	Prentice Hall, Englewood Cliffs	1994
		2.	R.S. Bridger	Introduction to Ergonomics	Taylor & Francis	2003