

No. 25

Course syllabus for first cycle studies					
1.	Course title	Woven fabrics design			
2.	Code	CDE5E11			
3.	Study Program	Clothing design and engineering			
4.	Study program organizer (unit, institute, department, division)	Faculty of Technology and Metallurgy, Institute of textile engineering			
5.	Degree (first, second, third cycle)	First cycle			
6.	Academic year / semester	3 year 5 semester	7.	Number of ECTS	5
8.	Instructors	Prof. Dr. Elena Tomovska			
9.	Prerequisites for course enrollment	-			
10.	Objectives of the course syllabus (competences): Students should gain understanding of requirements for technical design of woven fabrics by determining all parameters for loom set up. Acquired skills (competences): Technical skills related to individual technical design of woven fabrics				
11.	Content of the course: Woven fabrics decomposition: yarn count, crimp, picks and ends count. Determining loom parameters: reed size, warps per dent, total number of warps. Fabric mass calculation, warp and weft mass calculation. Warping parameters.				
12.	Study methods: lectures, practical lessons, factory visit, discussion, team work, projects, home work				
13.	Total available time		90		

14.	Allocation of available time		45+45			
15.	Teaching activities	15.1.	Lectures	30		
		15.2.	Practicals	15		
16.	Other types of activities	16.1.	Projects			
		16.2.	Individual assignments	10		
		16.3.	Homework	25		
17.	Grading system					
	17.1.	Final exam		80		
	17.2.	Project		10		
	17.3.	In class participation and activity		10		
18.	Grading criteria (points/grade)	Up to 61 points		5 (five) (F)		
		From 61 to 69 points		6 (six) (E)		
		From 70 to 79 points		7 (seven) (D)		
		from 80 to 89 points		8 (eight) (S)		
		From 90 to 95 points		9 (nine) (B)		
		from 95 to 100 points		10 (ten) (A)		
19.	Prerequisites for taking the final exam		Minimum 15 points from 17.2 and 17.3			
20.	Language in which lectures are conducted		English			
21.	Method for monitoring the quality of lectures		Survey			
22.	LITERATURE					
	22.1.	Compulsory literature				
		No.	Author	Title	Publisher	Year
		1.	Tomovska Elena	Woven fabric design	Teaching materials, TMF	2018
		2.				
		3.				
	22.2.	Additional literature				
		No.	Author	Title	Publisher	Year
		1.	Zafirova Koleta	Computer integrated fabric design	Prepared teaching materials	2002
		2.				
3.						