No. 34

Course syllabus for Second cycle studies					
1.	**Course title**	Textile Testing			
2.	**Code**	CDE7M1			
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**	4th year 7th semester	7.	**Number of ECTS**	6
8.	**Instructors**	Dr. Emilija Toshikj, Associate Professor			
9.	**Prerequisites for course enrollment**	Textile Fibers			
10.	**Objectives of the course syllabus (competences):** To master the methodology of examination, based on measuring the properties of textile materials and the statistical processing of data. **Acquired skills (competences):** Students are equipped to know the methods for testing textile materials depending on the type of textile material and the production technologies for their obtaining, and to link the obtained result with the tested property. Students will gain an enhancement of knowledge on testing textile materials with the aim of effectively connecting properties with structure and designing and manufacturing textile materials for the needs of various fields.				
11.	**Content of the course:** The role of testing in quality control and management. Instrumental methods for measuring the properties of fibers, yarns, woven fabrics, and knitted fabrics. Statistical analysis of measurement data. A comprehensive method for quality assessment.				
12.	**Study methods:** Method of oral presentation, method of programmed instruction, method of independent work with a textbook, method of problem-based teaching (problem situation, problem, problem task, and problem question, conditions for implementing problem-based teaching and levels of application of the problem-based teaching method), method of using technical aids (need and opportunities for using computers and dialogic educational methods), selection and combination of teaching methods.				
13.	**Total available time**	210			
14.	**Allocation of available time**				
15.	**Teaching activities**	15.1.	Lectures-theoretical instruction	45	
		15.2.	Exercises (laboratory, auditorium), seminars, team work	45	

16.	**Other types of activities**		16.1.	Project tasks	20
			16.2.	Independent tasks	20
			16.3.	Home learning	80
17.	**Grading system**				
	17.1.	Tests			80 points
	17.2.	Successfully completed laboratory/auditorium exercises			12 points
	17.3.	Activity and participation			4 points
	17.4.	Homework and/or seminar work			4 points
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**	12 points from activity 17.2. and a minimum of 4 points from activities 17.3 to 17.4.			
20.	**Language in which lectures are conducted**	English			
21.	**Method for monitoring the quality of lectures**	Anonymous Student Survey			
22.	**LITERATURE**				
	22.1.	Compulsory literature			
		No.	Author	Title	Publisher	Year
		1.	Sonja Kjortosheva	Examination of Textiles	Internal textbook, Faculty of Technology and Metallurgy	2009
		2.	Violeta Chepujnoska, Sonja Kjortosheva	Methods for Assessing the Quality of Textile Materials	UKIM	2009
		3.				
	22.2.	Additional literature			
		No.	Author	Title	Publisher	Year
		1.	B.P. Savile	Physical Testing of Textiles	Woodhead Publishing	1999
		2.				
		3.				