No. 37

Course syllabus for Second cycle studies					
1.	**Course title**	Textile Printing			
2.	**Code**	CDE7M4			
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**	5
8.	**Instructors**	Dr. Emilija Toshikj, Associate Professor			
9.	**Prerequisites for course enrollment**	Textile Fibers 2			
10.	**Objectives of the course syllabus (competences):** Familiarization with the preparation, printing techniques, and printing on different types of textile materials. **Acquired skills (competences):** Students are equipped to know the techniques for textile printing depending on the printing technologies, and to link the obtained prints with the print quality. Students will gain an enhancement of knowledge on textile printing with the aim of effectively connecting designing and manufacturing printed textile for the needs of various fields.				
11.	**Content of the course:** Preparation of the material for printing, printing procedures, traditional, rotary, film, rotary-film, transfer, digital. Thickeners. Preparation and properties of the printing paste, fixing, and finishing processes. Printing on different types of textile materials.				
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**	150			
14.	**Allocation of available time**				
15.	**Teaching activities**	15.1.	Lectures-theoretical instruction	30	
		15.2.	Exercises (laboratory, auditorium), seminars, team work	15	

16.	**Other types of activities**	16.1.	Project tasks	15
		16.2.	Independent tasks	30
		16.3.	Home learning	60

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.	LWC	Textile Printing	Society of Dyers and Colourists	2003
2.	H. Ujiie	Digital Printing of Textile	Woodhead Publishing	2006
3.				

22.2.

No.				
1.	B. Mangovska, I. Smilev	Technology of Dyeing and Printing on Textiles	UKIM	1993
2.	M. Novaković,	Theory and Technology of Textile Finishing by Dyeing and Printing	BMG, Belgrade	1996
3.				