

No. 36

Course syllabus for first cycle studies				
1.	Course title	Work study		
2.	Code	CDE7M3		
3.	Study Program	Clothing design and engineering		
4.	Study program organizer (unit, institute, department, division)	Department of textile		
5.	Degree (first, second, third cycle)	First		
6.	Academic year / semester	4 th year 7 th Semester	7.	Number of ECTS
7.				
8.	Instructors	Prof. Dr. Goran Demboski		
9.	Prerequisites for course enrollment			
10.	Objectives of the course syllabus (competences): Gaining knowledge of work study principles. Understanding of the structure of SAM and calculation methods and techniques. Knowledge of the concept of predetermined motion times. Acquaintance to methods for simplifying work and principles of ergonomics in a garment industry. Acquired skills (competences): Ability to perform work study techniques in clothing manufacturing. Knowledge of the application of predetermined motion times in obtaining SAM. Applies work simplification and ergonomics principles in workplace engineering.			
11.	Content of the course: History and basic principles of work study. Analysis of the components of standard time. Methods for determining standard time. Application of the method of instantaneous observations. System of predetermined motion times. Workplace analysis. Work simplification. Ergonomic in clothing manufacturing.			
12.	Study methods: Lectures, practical, projects, homework, home learning			
13.	Total available time	120		
14.	Allocation of available time	Lectures, practical, projects, homework, home learning		
15.	Teaching activities	15.1.	Lectures-theory	30 hours
		15.2.	Practical (laboratory, auditoria, seminars, teamwork)	15 hours
16.	Other types of activities	16.1.	Projects	5 hours

		16.2.	Independent tasks	5 hours		
		16.3.	Home learning	65 hours		
17.	Grading system					
	17.1.	Tests		80 points		
	17.2.	Seminar work/project		5 points		
	17.3.	Activity and participation		5 points		
	17.4	Successfully finished practical exercises		10 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		Competition of practical exercises and projects			
20.	Language in which lectures are conducted		English			
21.	Method for monitoring the quality of lectures		Questionnaire			
22.	LITERATURE					
	22.1.	Compulsory literature				
		No.	Author	Title		
		1.	George Kanawaty	Introduction to time study		
		2.				
		3.				
	22.2.	Additional literature				
		No.	Author	Title		
		1.	V. Ramesh Babu	Industrial engineering in apparel production		
		2.				
		3.				