

No. 24

Course syllabus for first cycle studies									
1.	Course title	Machines in clothing manufacturing							
2.	Code	CDE5M5							
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	3rd year 6th Semester	7.	Number of ECTS	7				
8.	Instructors	Prof. Dr. Goran Demboski							
9.	Prerequisites for course enrollment								
10.	<p>Objectives of the course syllabus (competences):</p> <p>Acquiring knowledge of machines in garment production. Gaining knowledge on sewing machine main construction parts, sewing mechanisms and their function. Ability to explain the role of industrial sewing machine attachments and field of application. Getting understanding of the functioning, capabilities and application of various types of special sewing machines and automats. Introduction to the structure of sewing operator training for acquiring skills for performing sewing operations.</p> <p>Acquired skills (competences):</p> <p>Understanding the construction and functioning of industrial sewing machine. Ability to recognize the types of machines in apparel manufacturing and its features. Ability to choose adequate sewing machines for manufacturing operation. Understand the concept of sewing operator training.</p>								
11.	<p>Content of the course: Development, main types and characteristics of sewing machines. Main assemblies of the sewing machine. Types of sewing stitches. Basic mechanisms, devices and parts of sewing machines. Creating machine stitches. Sewing machines attachments. Types of sewing machines and their application, special sewing machines and sewing automats.</p>								
12.	<p>Study methods: Lectures, practical, projects, homework, home learning</p>								

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)	30 hours
16.	Other types of activities	16.1.	Projects	5 hours
		16.2.	Independent tasks	5 hours
		16.3.	Home learning	50 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.	R.Rathinamoorthy and R. Surjit	Apparel Machinery and Equipments
		2.		
	22.2.	Additional literature		
		No.	Author	Title
		1.	Solinger, Jacob.	Apparel Manufacturing Analysis
		2.		
		3.		