

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	3 rd year 6 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): 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. Acquired skills (competences): 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.				
11.	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.				
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	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	Publisher	Year
		1.	R.Rathinamoorthy and R. Surjit	Apparel Machinery and Equipments	Woodhead publishing India pvt ltd	2015
		2.				
		3.				
	22.2.	Additional literature				
		No.	Author	Title	Publisher	Year
		1.	Solinger, Jacob .	Apparel Manufacturing Analysis	Bobbin Media Corporation,	1988
		2.				
3.						