

No. 42

Course syllabus for First cycle studies					
1.	Course title	CAD/CAM in Clothing Production			
2.	Code	CDE8M1			
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			
6.	Academic year/semester	4 th year/ 8 semester	7.	Number of ECTS	6
8.	Instructors	Prof. Dr. Maja Jankoska			
9.	Prerequisites for course enrollment				
10.	Objectives of the course syllabus (competencies): Understanding the capabilities and techniques of working with CAD systems. Developing skills for construction, modeling, and grading patterns using PDS software. Understanding the abilities and acquiring skills for computer-aided construction of pattern images. Acquired skills (competences): /				
11.	Content of the course: Computer systems for clothing production. Computer-aided design. Garment construction systems. Construction and modeling of women's clothing (skirt, trousers, dress, coat) and men's clothing (shirt, vest, trousers, coat) using all the tools of computer programs for the design and production of apparel in PDS software. Grading and planning of cut pieces and overlays. Computer-aided cutting. CAD systems for production machines, production management, and control.				
12.	Study methods: lectures and exercises, consultations, project (homework, seminar) assignments, home study (exam preparation).				
13.	Total available time	180			
14.	Allocation of available time	Lectures, exercises, project assignments, independent work, home study			
15.	Teaching activities	15.1.	Lectures - theoretical teaching. classes		30 hours
		15.2.	Exercises (laboratory, lecture), seminars, teamwork: classes		30 hours

16.	Other types of activities	16.1.	Project tasks: classes	/		
		16.2.	Independent tasks: lessons	30 hours		
		16.3.	Homework - assignments	90 hours		
17.	Grading system					
	17.1.	Tests: points		80 points		
	17.2.	Seminar paper/project, written and oral presentation: points		15 points		
	17.3.	Final exam: points		5 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		Preparation of project and independent assignments, attendance at the lecture			
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		
		1.	Maja Jankoska	CAD/CAM in Clothing Production (Internal Script)		
		2.				
		3.				
	22.2.	Additional literature				
		No.	Author	Title		
		1.	Patrick J. Taylor	Computers in the fashion industry		
		2.				
		3.				