

# COMPUTER AIDET FABRIC DESING

1	Course Title:	COMPUTER AIDET FABRIC DESING
2	Course Code:	TKSS212
3	Type of Course:	Optional
4	Level of Course:	Short Cycle
5	Year of Study:	2
6	Semester:	4
7	ECTS Credits Allocated:	3.00
8	Theoretical (hour/week):	1.00
9	Practice (hour/week):	2.00
10	Laboratory (hour/week):	0
11	Prerequisites:	None
12	Language:	Turkish
13	Mode of Delivery:	Face to face
14	Course Coordinator:	Öğr. Gör. HATİCE KÜBRA ÖZBEY
15	Course Lecturers:	Meslek Yüksekokulları Yönetim Kurullarının görevlendirdiği öğretim elemanları.
16	Contact information of the Course Coordinator:	Öğr.Gör. Hatice Kübra Özbey hkubraozbey@uludag.edu.tr
17	Website:	
18	Objective of the Course:	To gain skills to preparing the jacquard design in computer and using Most software.
19	Contribution of the Course to Professional Development:	To provide students who will progress in the field of textile design in their professional lives with the ability of computer design in the sector.
20	Learning Outcomes:	
	1	To analyze the jacquard woven fabric
	2	To understand the jacquard technology.
	3	To recognize the jacquard woven fabric.
	4	To be able to use the jacquard design software.
	5	To be able to prepare the pattern of jacquard in woven fabrics.
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21	Course Content:	
	<b>Course Content:</b>	
Week	Theoretical	Practice
1	How to make jacquard woven fabric analysis, what is the process flow	To make sample fabric analyses.
2	What is the jacquard? General information about the working principle of jacquard and jacquard pattern calculations	Jacquard machines and pieces of visual recognition, monitoring of operation.
3	To give general informations about Most jacquard software.	Using menus and functions in Most software.

4	To give process flow in jacquard pattern application.	Transferring to the computer of scanned image of the fabric by a single ply.
5	Presentation of the pattern unit report and information about unit report varieties.	Unit reporting of pattern scanned and transferred to the computer.
6	General Information About Sizing.	Sizing of the unit report of pattern.
7	To give informations about colouring of pattern and preparing to woven patterning operations on design.	Colouring of sized pattern and to be able to being prepare to woven patterning operations on design.
8	Repeating courses and midterm exam I	Answering the exam questions.
9	Information about the functions of the platinum and Jacquard, pattern library and Menus Archive.	Preparation of Platinum Plan Task Example, Using of jacquard editor.
10	What is Jacquard Card? Information About Using Jacquard Menu.	Preparation of Jacquard Machine Card Formats
11	Introducing to Jacquard Brand Model And Formats	Converting that to machine formats and importing to floppy disc.
12	What are the pattern errors and checking the errors in pattern.	Checking the Prepared Jacquard Card, Error Detection and Removing.
13	Double face pattern study.	Double face pattern sample preparing.
14	General Information about Brocade, Applications of Pattern Cutting and regulator	Application of fabric sample.

22	Textbooks, References and/or Other Materials:		Belgin Akgün, Jakarlı Desen Tasarımı, Bursa.		
Activites			Number	Duration (hour)	Total Work Load (hour)
Midterm Exam		1	40.00	1.00	14.00
Practicals/Labs			14	2.00	28.00
Homework project		0	0.00	2.00	28.00
Homeworks			1	5.00	5.00
Projects		2	100.00	0.00	0.00
Field Studies			0	0.00	0.00
Midterm exams			1	5.00	5.00
Others			0	0.00	0.00
Final Exams			100.00	10.00	10.00
Total Work Load					95.00
Course			the principles of Bursa uludağ University Associate and Undergraduate Education Regulation.		
Total Work load/ 30 hr					3.00
ECTS Credit of the Course					3.00

25	CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS															
	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ10	PQ11	PQ12	PQ13	PQ14	PQ15	PQ16
ÖK1	5	5	5	4	0	0	0	0	0	0	0	0	0	0	0	0
ÖK2	0	0	0	4	4	0	5	0	0	5	0	0	0	0	0	0
ÖK3	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0
ÖK4	0	0	0	0	0	0	0	5	5	4	0	0	0	0	0	0

ÖK5	5	5	5	5	5	0	0	5	5	4	0	0	0	0	0	0
LO: Learning Objectives    PQ: Program Qualifications																
Contrib ution Level:	1 very low		2 low		3 Medium		4 High		5 Very High							