DESIGN OF DOBBY WOVEN FABRIC

1	Course Title:	DESIGN OF DOBBY WOVEN FABRIC	
2	Course Code:	TEK4085	
3	Type of Course:	Optional	
4	Level of Course:	First Cycle	
5	Year of Study:	4	
6	Semester:	7	
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:	Prof. Dr. MİNE AKGÜN	
15	Course Lecturers:		
16	Contact information of the Course Coordinator:	akgunm@uludag.edu.tr /0224 2942058/ Bursa Uludağ Üniversitesi, Mühendislik Fakültesi, Tekstil Mühendisliği Bölümü, Görükle-Bursa	
17	Website:		
18	Objective of the Course:	To be able to comprehend the woven fabric structures, to design and develop these fabrics technically and visually in the computer and to provide the usability of dobby woven fabric design program.	
19	Contribution of the Course to Professional Development:	To gain the ability to apply dobby woven fabric designs in the program.	
20	Learning Outcomes:		
		1	To explain the properties of the dobby woven fabrics and the formation of these fabrics on the machine
		2	To be able to explain patterning techniques in dobby weaving
		3	To be able to use computerized dobby pattern design program
		4	To be able to design dobby woven fabric structures with desired properties in computer
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21	Course Content:		

Course Content:

Week	Theoretical	Practice
1	Investigation of the formation and properties of woven fabric	Investigation of the formation and properties of woven fabric

2	Production techniques of woven fabrics	Production techniques of woven fabrics
3	Production techniques of woven fabrics	Production techniques of woven fabrics
4	Production techniques of woven fabrics	Production techniques of woven fabrics
5	Introduction to computer aided weaving pattern program	Introduction to computer aided weaving pattern program
6	Introduction to computer aided weaving pattern program	Introduction to computer aided weaving pattern program
7	Introduction to computer aided weaving pattern program	Introduction to computer aided weaving pattern program
8	Introduction to computer aided weaving pattern program	Introduction to computer aided weaving pattern program
9	Dobby woven fabric design and design applications on computer	Dobby woven fabric design and design applications on computer
10	Dobby woven fabric design and design applications on computer	Dobby woven fabric design and design applications on computer
11	Dobby woven fabric design and design applications on computer	Dobby woven fabric design and design applications on computer
12	Dobby woven fabric design and design applications on computer	Dobby woven fabric design and design applications on computer
13	Dobby woven fabric design and design applications on computer	Dobby woven fabric design and design applications on computer
14	Dobby woven fabric design and design applications on computer	Dobby woven fabric design and design applications on computer
22	Textbooks, References and/or Other	1. Başer, G. (2005). Dokuma Tekniği ve Sanatı. TMMOB 5. Textile Design and Colour. W.Watson, 1921

Activites	Number	Duration (hour)	Total Work Load (hour)
Theoretical	14	1.00	14.00
Practicals/Labs	14	2.00	28.00
Self study and preperation	14	1.00	14.00
Homeworks	14	1.00	14.00
Projects	0	0.00	0.00
Field Studies	0	0.00	0.00
Midterm exams	1	10.00	10.00
Others	0	0.00	0.00
Final Exams	1	10.00	10.00
Total Work Load			90.00
Total work load/ 30 hr			3.00
ECTS Credit of the Course			3.00

TERM LEARNING ACTIVITIES	NUMBE	WEIGHT
Midterm Exam	1	20.00
Home work-project	1	20.00
Total	3	100.00
Contribution of Final Exam to Success Grade		60.00
Total		100.00

Measurement and Evaluation Techniques Used in the Course	Evaluating to ensure that the learning outcomes of the course can be achieved.
24	**ECTS / WORK LOAD TABLE**

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	0	0	0	0	4	4	0	0	0	0	0	0	0	0	0	0
ÖK2	0	0	0	0	4	4	0	0	0	0	0	0	0	0	0	0

ÖK3	0	0	0	0	4	4	0	0	0	0	0	0	0	0	0	0
ÖK4	0	0	0	0	4	4	0	0	0	0	0	0	0	0	0	0

LO: Learning Objectives PQ: Program Qualifications					
Contribution Level:	**1 very low**	**2 low**	**3 Medium**	**4 High**	**5 Very High**