AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Weaving Technology								
Course Code	İTN107			Couse Level		Short Cycle (Associate's Degree)			
ECTS Credit	4	Workload	100 *(Hours)*	Theory	2	Practice	1	Laboratory	0
Objectives of the Course	Be able to gain skills in indicating basic fabric types and showing them on paper by explaining fabric production.Also this course aims to give basic weaving principals and weaving process to our students.								
Course Content	To classify weaving preparation processes (winding,warping,sizing etc.)								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Experiment, Demonstration								
Name of Lecturer(s)									

Assessment Methods and Criteria		
Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	70

Recommended or Required Reading	
1	1. T.K.A.M. Yayını; Genel Tekstil
2	2. Dokuma Tekniği Zahide İMER
3	3. Dokuma Teknolojisi UZUNÖZ / TÜRKYILMAZ
4	Lecture notes

Week	Weekly Detailed Course Contents	
1	Theoretical	Preparing basic weave designs and their derivatives, drawing-in plans,dobby plans.
	Practice	Preparing basic weave designs and their derivatives, drawing-in plans,dobby plans.
	Laboratory	Preparing basic weave designs and their derivatives, drawing-in plans,dobby plans.
2	Theoretical	To draw dimity weaving
	Practice	To draw dimity weaving
	Laboratory	To draw dimity weaving
3	Theoretical	To draw sateen weaving
	Practice	To draw sateen weaving
	Laboratory	To draw sateen weaving
4	Theoretical	Calculation of sampling warp
	Practice	Calculation of sampling warp
	Laboratory	Calculation of sampling warp
5	Theoretical	Calculation of sampling warp
	Practice	Calculation of sampling warp
	Laboratory	Calculation of sampling warp
6	Theoretical	Preparing warp in sample warping machine
	Practice	Preparing warp in sample warping machine
	Laboratory	Preparing warp in sample warping machine
7	Theoretical	Preparing warp in sample warping machine
	Practice	Preparing warp in sample warping machine
	Laboratory	Preparing warp in sample warping machine
8	Theoretical	To slash sapling warp
	Practice	To slash sapling warp
	Laboratory	To slash sapling warp
9	Theoretical	To draw plan of dobby and weaving draft
	Practice	To draw plan of dobby and weaving draft
	Laboratory	To draw plan of dobby and weaving draft
10	Theoretical	To make a weaving draft

10	Practice	To make a weaving draft
	Laboratory	To make a weaving draft
11	Theoretical	Weaving of sample fabric
	Practice	Weaving of sample fabric
	Laboratory	Weaving of sample fabric
12	Theoretical	Weaving of sample fabric
	Practice	Weaving of sample fabric
	Laboratory	Weaving of sample fabric
13	Theoretical	Weaving of sample fabric
	Practice	Weaving of sample fabric
	Laboratory	Weaving of sample fabric
14	Theoretical	Weaving of sample fabric
	Practice	Weaving of sample fabric
	Laboratory	Weaving of sample fabric

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	1	14
Lecture - Practice	14	0	2	28
Project	1	15	5	20
Midterm Examination	1	18	0	18
Final Examination	1	20	0	20
			Total Workload (Hours)	100
			[Total Workload (Hours) / 25*] = **ECTS**	4

**25 hour workload is accepted as 1 ECTS*

Learning Outcomes

1	Be able to draw basic weaving structures
2	Be able to prepare dobby and drawing in plannes for weaving machine
3	Be able to prepare sample weaving fabric.
4	Making Sample Dobby Plan
5	Make Sample Color Drawing Plan

Programme Outcomes *(Textile Technology)*

1	1. To have basic theoretical and practical knowledge related to the field of textile technology, weaving, finishing process and pattern design. Be able to recognize problems, develop solutions for the problems, designing and having the ability to use theoretical knowledge in practical applications.
2	2. Be able to identify problems, develop solutions to the problems, be able to devise, to have the ability to use theoretical knowledge in practical applications by using acquired the basic knowledge and skills in the field. – Be able to choose technical equipments which are needed for applications in the field and use effectively. - Awareness of the need for life-long learning to follow developments in the textile technology, learning independently and to gain awareness of continuous self-renewal. - Be able to examine the application of production processes in the textile industry. – Be respectful to their own history and to be conscious about the subjects of social responsibility, universal and social and professional ethics.
3	3. To have basic theoretical and practical knowledge related to the field of textile technology, weaving, finishing process and pattern design. To be conscious about the subjects of job security, the information of environmental protection, quality awareness and being conscious of participating in team work.
4	4. Be able to identify problems, develop solutions to the problems, be able to devise, to have the ability to use theoretical knowledge in practical applications by using acquired the basic knowledge and skills in the field. - To be conscious about the subjects of job security, the information of environmental protection, quality awareness and being conscious of participating in team work.
5	5. Be able to examine the application of production processes in the textile industry. Be able to identify problems, to develop solutions to the problems, be able to devise, to have the ability to use theoretical knowledge in practical applications by using acquired the basic knowledge and skills in the field. Be respectful their own history and be conscious about the subjects of social responsibility, universal and social and professional ethics.
6	6. Be able to examine the application of production processes in the textile industry. To be aware solutions and applications of the effects of global and societal context in technician-level; being aware of entrepreneurship and innovation, and to have knowledge of the issues of the age.
7	7. To gain the knowledge and awareness of Ataturk's principles & reforms and using Turkish Langue effectively.

8	8. To gain the knowledge about his/her society and to gain a different point of view about the world

Contribution of Learning Outcomes to Programme Outcomes *1:Very Low, 2:Low, 3:Medium, 4:High, 5:Very High*

	L1	L2	L3
P1	3	3	3
P2	5	5	5
P3	4	4	4
P4	5	5	5
P5	5	5	5
P6	3	4	4
P7	4	4	4
P8	2	2	2