



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Practice in Treatment Enterprise -II							
Course Code		İTN206		Course Level		Short Cycle (Associate's Degree)			
ECTS Credit	4	Workload	100 (<i>Hours</i>)	Theory	1	Practice	3	Laboratory	0
Objectives of the Course		Be able to dye and print by using various dyestuffs							
Course Content		Basic dyeing and Printing Methods							
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	TKAM Tekstil Terbiye Teknolojisi
2	Lecture notes

Week	Weekly Detailed Course Contents	
1	Theoretical	Dyeing of cellulose-based textiles
	Practice	Dyeing of cellulose-based textiles
	Laboratory	Dyeing of cellulose-based textiles
2	Theoretical	Dyeing of protein-based textiles
	Practice	Dyeing of protein-based textiles
	Laboratory	Dyeing of protein-based textiles
3	Theoretical	Dyeing of synthetic -based textiles
	Practice	Dyeing of synthetic -based textiles
	Laboratory	Dyeing of synthetic -based textiles
4	Theoretical	The Basic Principles of Printing
	Practice	The Basic Principles of Printing
	Laboratory	The Basic Principles of Printing
5	Theoretical	Printing Methods
	Practice	Printing Methods
	Laboratory	Printing Methods
6	Theoretical	Selection of suitable for use pattern and preparation
	Practice	Selection of suitable for use pattern and preparation
	Laboratory	Selection of suitable for use pattern and preparation
7	Theoretical	The decorative elements of pattern in preparing
	Practice	The decorative elements of pattern in preparing
	Laboratory	The decorative elements of pattern in preparing
8	Theoretical	The technics which are used in pattern studies
	Practice	The technics which are used in pattern studies
	Laboratory	The technics which are used in pattern studies
9	Theoretical	The importance colour harmony of and colouration in colour harmony
	Practice	The importance colour harmony of and colouration in colour harmony
	Laboratory	The importance colour harmony of and colouration in colour harmony
10	Theoretical	To transfer pattern to foil print
	Practice	To transfer pattern to foil print
	Laboratory	To transfer pattern to foil print



11	Theoretical	The technics of Raport in replication of pattern (Overall, Soter, Diagonal, Capping)
	Practice	The technics of Raport in replication of pattern (Overall, Soter, Diagonal, Capping)
	Laboratory	The technics of Raport in replication of pattern (Overall, Soter, Diagonal, Capping)
12	Theoretical	Be able to draw and copy according to Pattern Raport System
	Practice	Be able to draw and copy according to Pattern Raport System
	Laboratory	Be able to draw and copy according to Pattern Raport System
13	Theoretical	Preparation of the frame and stretching of bolting silk to the frame
	Practice	Preparation of the frame and stretching of bolting silk to the frame
	Laboratory	Preparation of the frame and stretching of bolting silk to the frame
14	Theoretical	Pulling of lac to prepared frame and drying. Pattern setting, reduction of print pastes and retouch
	Practice	Pulling of lac to prepared frame and drying. Pattern setting, reduction of print pastes and retouch
	Laboratory	Pulling of lac to prepared frame and drying. Pattern setting, reduction of print pastes and retouch

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	1	14
Lecture - Practice	14	0	3	42
Laboratory	14	0	2	28
Midterm Examination	1	6	0	6
Final Examination	1	10	0	10
Total Workload (Hours)				100
[Total Workload (Hours) / 25*] = ECTS				4

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	To dye by using the impregnation and exhaust methods
2	Preparation of printing and practicing
3	To make dyeing application on cellulose based products.
4	To make protein based products staining application.
5	To dye the synthetic and regenerated products

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 Atatürk's principles & reforms and using Turkish Language 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
P1	3	3
P2	5	5
P3	5	5
P4	4	4
P5	5	5
P6	3	3
P7	4	4
P8	3	3

