



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Treatment Process With Machines							
Course Code		İTN207		Course Level		Short Cycle (Associate's Degree)			
ECTS Credit	4	Workload	100 ( <i>Hours</i> )	Theory	2	Practice	1	Laboratory	0
Objectives of the Course		At the end of this course, students will gain competencies to pratitce a finishing process							
Course Content		To understand whole features of the machines that run according to exhaust and padding methods, systems and the differences between them							
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	Tekstil Terbiye Makineleri ve Aksesuarları Zerrin YAKARTEPE
3	Lecture notes

Week	Weekly Detailed Course Contents	
1	Theoretical	Reel Finishing Machine
	Practice	Reel Finishing Machine
	Laboratory	Reel Finishing Machine
2	Theoretical	Reel Finishing Machine/ Jet Finishing Machine
	Practice	Reel Finishing Machine/ Jet Finishing Machine
	Laboratory	Reel Finishing Machine/ Jet Finishing Machine
3	Theoretical	Jet Finishing Machine/ HT Finishing Machine
	Practice	Jet Finishing Machine/ HT Finishing Machine
	Laboratory	Jet Finishing Machine/ HT Finishing Machine
4	Theoretical	HT Finishing Machine
	Practice	HT Finishing Machine
	Laboratory	HT Finishing Machine
5	Theoretical	The finishing machine which is operating in hank
	Practice	The finishing machine which is operating in hank
	Laboratory	The finishing machine which is operating in hank
6	Theoretical	The finishing machine which is operating in part / The finishing machine which is operating in part
	Practice	The finishing machine which is operating in part / The finishing machine which is operating in part
	Laboratory	The finishing machine which is operating in part / The finishing machine which is operating in part
7	Theoretical	The finishing machine which is operating in part
	Practice	The finishing machine which is operating in part
	Laboratory	The finishing machine which is operating in part
8	Theoretical	The finishing machine which is operating in part / Cold padding waiting
	Practice	The finishing machine which is operating in part / Cold padding waiting
	Laboratory	The finishing machine which is operating in part / Cold padding waiting
9	Theoretical	Cold padding waiting
	Practice	Cold padding waiting
	Laboratory	Cold padding waiting



10	Theoretical	Cold padding waiting/ Hot padding waiting
	Practice	Cold padding waiting/ Hot padding waiting
	Laboratory	Cold padding waiting/ Hot padding waiting
11	Theoretical	Hot padding waiting/ Steam padding waiting
	Practice	Hot padding waiting/ Steam padding waiting
	Laboratory	Hot padding waiting/ Steam padding waiting
12	Theoretical	Steam padding waiting
	Practice	Steam padding waiting
	Laboratory	Steam padding waiting
13	Theoretical	Steam padding waiting/ Padding-Dyeing
	Practice	Steam padding waiting/ Padding-Dyeing
	Laboratory	Steam padding waiting/ Padding-Dyeing
14	Theoretical	Padding-Dyeing
	Practice	Padding-Dyeing
	Laboratory	Padding-Dyeing

### Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Lecture - Practice	14	0	1	14
Seminar	5	0	2	10
Project	1	0	10	10
Laboratory	5	0	2	10
Midterm Examination	1	13	0	13
Final Examination	1	15	0	15
Total Workload (Hours)				100
[Total Workload (Hours) / 25*] = <b>ECTS</b>				4

\*25 hour workload is accepted as 1 ECTS

### Learning Outcomes

1	Be able to do finishing operations with the machine runs according to exhaust method
2	Be able to do finishing operations with the machine runs according to padding method
3	Haspel, Over Flow, dyeing machines to recognize.
4	Jet, Blow Dye, Air Flow dyeing machines to recognize.
5	To know Fulard and Jigger dyeing machines.

### 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 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	5	5
P5	5	5
P6	3	3
P7	4	4
P8	3	3

