



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Computer Aided Pattern Design							
Course Code		MTS201		Couse Level		Short Cycle (Associate's Degree)			
ECTS Credit	4	Workload	100 ( <i>Hours</i> )	Theory	3	Practice	1	Laboratory	0
Objectives of the Course		This derste is intended to make active use of the mold design programs commonly used in the garment industry.							
Course Content		Comprehension of computer aided pattern making systems and package program functions. Ability to mold and draw on a computer with the help of functions and make necessary changes in the molds. Collecting molds under a model name. Saving, call spreading, sharing, marker placement and printing from built-in plotters.							
Work Placement		30 working days							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Demonstration, Individual Study					
Name of Lecturer(s)		Ins. Leyla İZBUDAK							

### Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	70

### Recommended or Required Reading

1	Bowles M., Isaac C., "Digital Textile Design", Current Publishing, 2009
2	Catalogs of used programs

Week	Weekly Detailed Course Contents	
1	Theoretical	Using Geometric Drawing Commands
2	Theoretical	Using Edit Commands
3	Theoretical	Using Coloring Commands
4	Theoretical	Using Save Commands
5	Theoretical	Using commands to create weave structures
6	Theoretical	Using commands to create weave structures
7	Theoretical	Using commands to create weave structures
8	Theoretical	Using commands to create knitting structures
9	Intermediate Exam	Midterm
10	Theoretical	Using commands to create knitting structures
11	Theoretical	Use print / embroidery creation commands
12	Theoretical	Use print / embroidery creation commands
13	Theoretical	Use commands to create effect views on the surface
14	Theoretical	Using Dressing Commands
15	Theoretical	Using Dressing Commands
16	Final Exam	final exam

### Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	1	2	42
Lecture - Practice	13	0	2	26
Project	10	0	1	10
Midterm Examination	1	10	1	11



Final Examination	1	10	1	11
Total Workload (Hours)				100
[Total Workload (Hours) / 25*] = ECTS				4
*25 hour workload is accepted as 1 ECTS				

### Learning Outcomes

1	Running computer package programs,
2	You will gain proficiency in designing textiles on your computer.
3	use save commands
4	use editing commands
5	color commands

### Programme Outcomes (Fashion Design)

1	Be able to use the theoretical and practical knowledge related to fashion design
2	Fashion marketing and promotional activities should be carried out in matters related to fashion design
3	Must be able to collect data for research, prepare and present research report, prepare project
4	Designing personal clothing to meet the expectations of the sector and preparing the creations on the computer
5	Should be able to recognize the fabric surfaces, select auxiliary materials, control materials.
6	It should be able to carry out steps of mold preparation, spreading, laying plan preparation.
7	Must be able to use the necessary equipment, equipment and machines for the applications related to fashion design, and make adjustments and maintenance.
8	Must be able to use computerized mold and design programs in the field of fashion design.
9	Must have the ability to manage and organize business by creating the idea of establishing a business in the field.
10	Can create a model she designs in her mind by applying the technical drawings of the clothes and fashion formal training.
11	Basic sewing techniques should be able to realize the production stages of women's, men's and children's wear.

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

	L1	L2
P1	5	4
P2	4	5
P3	5	4
P4	4	5
P5	5	4
P6	4	5
P7	5	4
P8	4	5
P9	5	5
P10	4	3
P11	4	3

