

COMPUTER-AIDED NESTING DRAWING

1	Course Title:	COMPUTER-AIDED NESTING DRAWING
2	Course Code:	TKSS288
3	Type of Course:	Optional
4	Level of Course:	Short Cycle
5	Year of Study:	2
6	Semester:	4
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:	Öğr. Gör. GİZEM ANŞİN GÜRTEKİN
15	Course Lecturers:	Meslek Yüksekokulları Yönetim Kurullarının görevlendirdiği öğretim elemanları.
16	Contact information of the Course Coordinator:	ÖĞR. GÖR. Gizem ANŞİN GÜRTEKİN gizem@uludag.edu.tr
17	Website:	
18	Objective of the Course:	Be able to gain the ability to make lay planning on the computer by recognizing computerized Pattern system used in the garment industry and load garment patterns on the computer.
19	Contribution of the Course to Professional Development:	To be able to comprehend computer aided pattern making systems and package program functions. To be able to draw patterns on the computer and make necessary changes in the molds with the help of functions. Ability to save, recall, sort, share, lay out the marker and print the settled patterns from the plotter.
20	Learning Outcomes:	
	1	Be able to sort benefits of using CAD systems in the garment industry.
	2	Be able to use the CAD system with open a file
	3	Be able to enter databases of pattern into CAD systems.
	4	Be able to graduate patterns into CAD system
	5	Be able to apply options of according to the production system into the CAD system of patterns
	6	Be able to done lay plan in to CAD system in accordance with order
	7	Be able to done account of lay plan efficiency in the CAD system
	8	Be able to print out of lay plan in the CAD system
	9	
	10	
21	Course Content:	
	Course Content:	
Week	Theoretical	Practice

1	CAD systems in the garment production and benefits, system demonstration, opening and closing login and logout in to programs			
2	Pattern digits, calling a file in the memory and save. “turn/according to the axis of pattern” functions			
3	CAD ASSYST function keys, Zoom, show, image, Cursor, measure, pattern control, turn/compare to the curve, correction, copy selection, step back and transport functions			
4	Design, deletion, nick, element type, add,subtract, division, equation functions			
5		Exercising of T-SHIRT creation, mading pattern with measurement table		
6		Turn, Simetry functions, pleat, dart, scan, pattern choice, seam allowance functions		
7		Graduation of model digitied with exist table or pre-formed, graduation of pattern with nested digitied		
8	Identification of measure Into body measurement table, pattern addition into series,and using Plotter			
9	Identification of measure Into body measurement table, pattern addition into series,and using Plotter			
10		Style Model, Lay definition applications		
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		0	0.00	0.00
Textbooks, References and/or Other Projects Materials:		Assyst Bullmer user manual	0.00	0.00
Field Studies		0	0.00	0.00
Midterm Exams		1	18.00	18.00
TERM LEARNING ACTIVITIES		NUMBE	WEIGHT	
Others		0	0.00	0.00
Midterm Exam		1	16.00	16.00
Final Exams		1		
Total Work Load				108.00
Home work-project		0	0.00	
Total work load/ 30 hr				3.00
ECTS Credit of the Course				3.00
Total		2	100.00	
Contribution of Term (Year) Learning Activities to Success Grade		40.00		
Contribution of Final Exam to Success Grade		60.00		
Total		100.00		
Measurement and Evaluation Techniques Used in the Course		Measurement and evaluation is carried out according to the priciples of Bursa Uludag University Associate and Undergraduate Education Regulation.		
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	0	0	0	5	0	0	3	0	0	0	0	0
ÖK2	0	0	0	0	0	0	0	5	5	0	0	0	0	0	0	0
ÖK3	0	0	0	0	0	0	0	5	5	0	0	0	0	0	0	0
ÖK4	0	0	0	0	0	0	0	5	5	0	0	0	0	0	0	0
ÖK5	0	0	0	0	0	0	0	5	5	0	0	0	0	0	0	0
ÖK6	0	0	0	0	0	0	0	5	5	0	0	0	0	0	0	0
ÖK7	0	0	0	0	0	0	0	5	5	0	4	0	0	0	0	0
ÖK8	0	0	0	0	0	0	0	5	5	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				