KNITTING TECHNOLOGY

1	Course Title:	KNITTING TECHNOLOGY
2	Course Code:	TEK3071
3	Type of Course:	Compulsory
4	Level of Course:	First Cycle
5	Year of Study:	3
6	Semester:	5
7	ECTS Credits Allocated:	4.00
8	Theoretical (hour/week):	2.00
9	Practice (hour/week):	1.00
10	Laboratory (hour/week):	0
11	Prerequisites:	None
12	Language:	Turkish
13	Mode of Delivery:	Face to face
14	Course Coordinator:	Prof. Dr. YASEMİN KAVUŞTURAN
15	Course Lecturers:	
16	Contact information of the Course Coordinator:	e-mail: kyasemin@uludag.edu.tr, yaseminkav@gmail.com phone: 224 2942054 Adress: Uludağ Ün.Müh.Fak.Görükle Kampüsü 16059 Bursa
17	Website:	
18	Objective of the Course:	This course aims to give information about flat, circular and warp knitting machinery, and patterning techniques of these machines.
19	Contribution of the Course to Professional Development:	
20	Learning Outcomes:	

	1	The ability to explain the principles of weft and warp knitting technology
	2	The ability to explain the production methods of flat, circular and warp knitting machines
	3	The ability to analyze of the basiweft knitted fabrics
	4	The ability to draw the stitch diagrams of weft knitted structures
	5	The ability to draw the cam arrangement of weft knitted structures
	6	The ability to recognize the different knitted structures
	7	The skill of individual study
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	10	

21 Course Content:

Course Content:

Week	Theoretical	Practice
1	Classification of patterning techniques in weft knitting	Watching of VCD
2	Flat knitting technology and their products	Analysis of knitted fabric samples
3	Flat knitting technology and their products	Loop formation on flat knitting loom.
4	Patterning methods on flat knitting machines	Identification of flat knitting machines

5	Patterning methods on flat knitting machines	Analysis of knitted fabric samples
6	Patterning methods on flat knitting machines	Analysis of knitted fabric samples
7	Circular knitting technology and their products	Analysis of knitted fabric samples
8	Patterning methods on circular knitting machines	Identification of circular knitting machines
9	Patterning methods on circular knitting machines-	Loop formation on circular knitting loom.
10	Midterm exam-Discussion of questions	Discussion of questions
11	Patterning methods on circular knitting machines	Analysis of knitted fabric samples
12	Warp knitting technology and their products	Analysis of knitted fabric samples
13	Patterning methods on warp knitting machines	Analysis of knitted fabric samples
14	Knitted fabric quality. Production calculation of weft knitting.	Analysis of knitted fabric samples

22	Textbooks, References and/or Other Materials:	1.Örme Teknolojisi Ders Notları Doç.Dr.Yasemin Kavuşturan 2.Atkı Örmeciliğine Giriş, Arzu Bayazıt, 2000, Ege Ün. Yayını 3.Düz Örme Teknolojisi, Cevza Candan, 2000, Dalteks Yayını 4.Knitting Technology, David J. Spencer. 2001, Technomic Pub. 5.Yuvarlak Örme Teknolojisi, Arzu Bayazıt, 2000, Ege Ün. Yayını

Activites		Number	Duration (hour)	Total Work Load (hour)
Theoretical	R	14	2.00	28.00
Midterm Exam	1	40.00		
Practicals/Labs		14	1.00	14.00
Quiz	0	0.00		
Self study and preperation		12	2.00	24.00
Homework project	0	0.00		
Homeworks		0	0.00	0.00
Final Exam	1	60.00		
Projects		0	0.00	0.00
Total	2	100.00		
Field Studies		0	0.00	0.00
Contribution of Term (Year) Learning Activities to Success Grade		40.00		
Midterm exams		1	14.00	14.00
Others		1	25.00	25.00
Contribution of Final Exam to Success Grade		60.00		
Final Exams		1	15.00	15.00
Total		100.00		
Total Work Load				120.00
Measurement and Evaluation Techniques Used in the Course				
Total work load/ 30 hr				4.00
ECTS Credit of the Course				4.00

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	0	0	0	0	0	0	0	0	5
ÖK2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
ÖK3	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	5
ÖK4	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	5

ÖK5	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	5
ÖK6	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	5
ÖK7	0	0	0	0	0	0	3	0	0	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**