	HISTOF	RY OF	MATHEMATICS						
1	Course Title:	HISTOR	Y OF MATHEMATICS						
2	Course Code:	MAT303	6						
3	Type of Course:	Optional							
4	Level of Course:	First Cyc	cle						
5	Year of Study:	3							
6	Semester:	6							
7	ECTS Credits Allocated:	5.00							
8	Theoretical (hour/week):	3.00							
9	Practice (hour/week):	0.00							
10	Laboratory (hour/week):	0							
11	Prerequisites:	None							
12	Language:	Turkish							
13	Mode of Delivery:	Face to	face						
14	Course Coordinator:	Prof. Dr.	BASRİ ÇELİK						
15	Course Lecturers:								
16	Contact information of the Course Coordinator:	basri@u 0224.29	ludag.edu.tr 41762						
17	Website:								
18	Objective of the Course:	Recogni mathem	nize the important events and people in the history of natics.						
19	Contribution of the Course to Professional Development:								
20	Learning Outcomes:								
		1	Knows the basic concepts of the history of mathematics.						
		2	Learns the historical development of the numerals and numbers.						
		3	Learns the contents of the papyruses Rhind and Moscow understands the importance of them.						
		4	Learns the historical development of the number Pi.						
		5	Recognizes the Indian mathematician Aryabhata's works and his roles the developing of the mathematics.						
		6	Learns to comprehensive information about Diyophant, Euclid and Pythagoras.						
		7	Learns to approach of Ibn-i Turk to the solution of quadratic equations.						
		8	Learns to life and mathematical works of Khwarizmi and Omar Khayyam.						
		9	Learn the history of set theory.						
		10							
21	Course Content:								
10.	· · ·	Co	ourse Content:						
			Practice						
1	Description of course.								
2	What is mathematics and history of mathematics?								
3	Historical development of numerals a numbers.	and							

4	The oldest known documents in the	history of							
	mathematics: Rhind and Moscow Pa								
5	Historical developments of the numb	er Pi.							
6	An ancient Indian mathematician and astronomer: Aryabhata.	t							
7	Benefits of Diyophant to the world of mathematics.								
8	Euclidian geometry and benefits of E geometries to the mathematical worl								
9	Midterm and feedback								
10	Pythagoras and his era. Approach to solution of quadratic equations of lbr								
11	Khwarizmi's life and contributions to of mathematics.	the world							
12	The history of set theory.								
13	Math-related works of Omar Khayya	m.							
14	Viewing a documentary about the his mathematics.	story of							
22	Textbooks, References and/or Other Materials:)Basri Çelik, İ. Naci Cangül - ders notları- 2)Matematik Tarihi, Lütfi Göker, Kültür Bakanlığı Yayınları, Yayın No:1017, 1989, Ankara. 3)Bilim Tarihine Giriş, Sevim Tekeli, Esin Kahya, Melek Dosav, Remzi Demir, Hüsevin G. Topdemir, Yayuz Unat.						
Activit	tes			Number Duration (hour) Total Load					
TEBMe	TEARNING ACTIVITIES	NUMBE	WEIGHT	3	.00	42.00			
	als/Labs	16	0	0	.00	0.00			
Self stu	udy and preperation	0	o d d	5	.00	70.00			
Homew	vorks		0	0	.00	0.00			
Project Final F	xam	1	60 00	0	.00	0.00			
Field S			0	0	.00	0.00			
Midtern	m exams oution of Term (Year) Learning Activiti	es to	40 00	4	.00	4.00			
Others			14	2	.00	28.00			
Cional r lib	প্রেলি of Final Exam to Success Grad	e	60 ¹ 00	6.00					
	Vork Load					150.00			
Total w	vork load/ 30 hr	sod in the				5.00			
	Credit of the Course					5.00			
24	ECTS / WORK LOAD TABLE								
25	CONTRIBUTION		RNING O		O PROGRAM	ME			

25		CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS														
	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ1 0	PQ11	PQ12	PQ1 3	PQ14	PQ15	PQ16
ÖK1	2	5	1	4	5	1	1	3	4	2	0	0	0	0	0	0
ÖK2	3	4	1	2	4	1	2	2	5	1	0	0	0	0	0	0
ÖK3	1	5	1	3	4	1	2	3	5	2	0	0	0	0	0	0
ÖK4	2	4	1	1	4	1	2	2	3	1	0	0	0	0	0	0

Contrib 1 very low ution Level:		:	2 low		3	Medi	ium	4 High			5 Very High					
LO: Learning Objectives PQ: Program Qualifications																
ÖK9	2	4	1	4	4	1	2	2	5	1	0	0	0	0	0	0
ÖK8	1	3	1	2	4	1	3	3	5	1	0	0	0	0	0	0
ÖK7	3	5	1	3	5	1	3	2	3	2	0	0	0	0	0	0
ÖK6	1	4	1	3	4	1	2	3	4	1	0	0	0	0	0	0
ÖK5	2	5	1	2	5	1	1	2	4	1	0	0	0	0	0	0