DOC	CUMENTATIONAL APP	PROA	CH IN MATHEMATICS EDUCATION				
1	Course Title:	DOCUM EDUCAT	ENTATIONAL APPROACH IN MATHEMATICS FION				
2	Course Code:	MAT612	2				
3	Type of Course:	Optional					
4	Level of Course:	Third Cy	cle				
5	Year of Study:	1					
6	Semester:	2					
7	ECTS Credits Allocated:	4.00					
8	Theoretical (hour/week):	2.00					
9	Practice (hour/week):	0.00					
10	Laboratory (hour/week):	0					
11	Prerequisites:	None					
12	Language:	English					
13	Mode of Delivery:	Face to f	ace				
14	Course Coordinator:						
15	Course Lecturers:	Doç. Dr.	MENEKŞE SEDEN TAPAN BROUTIN				
16	Contact information of the Course Coordinator:	tapan@u 0 224 29 Uludağ Ü	lenekşe Seden TAPAN BROUTIN udag.edu.tr 55021 niversitesi Eğitim Fakültesi, A Blok, Matematik ve Fen ğitimi Bölümü, 16059 Nilüfer,Bursa				
17	Website:						
18	Objective of the Course:	Analysing in an academic dimension, the researches using instrumental and documentational theory					
19	Contribution of the Course to Professional Development:	The student is able to analyze researches using instrumental and documentary theory in academic dimensions.					
20	Learning Outcomes:						
		1	Can scan literature about instrumental theory and detect lacks in the field.				
		2	Can scan literature about documentational theory and detect lacks in the field.				
		3	Can design and present research proposals related to instrumental and documentational theory				
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21	Course Content:						
10/	T	Со	ourse Content:				
Week	Theoretical		Practice				
1							
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							M E T M T D	Trouche L. (2005) An Instrumental Approach to Mathematics Learning in Symbolic Calculator Environments. In: Guin D., Ruthven K., Trouche L. (eds) The Didactical Challenge of Symbolic Calculators. Mathematics Education Library, vol 36. Springer, Boston, MA Trouche, L., Gueudet, G., & Pepin, B. The Documentational approach to didactics. In: S. Lerman (Ed.), Encyclopedia of Mathematics Education. Online first, N.Y.: Springer.									
23 As	sesme	ent						_			-						
Activites								Number				Dura	Duration (hour)			Total Work Load (hour)	
Ohuėz oretica	Chuizoretical 0						0	0.00			2.00			28.00			
Practicals	Practicals/Labs								0			0.00			0.00		
						1	100400			5.00			70.00				
Homewor	Homeworks							0			0.00			0.00			
Conjeriths iti	Conjerithsution of Term (Year) Learning Activities to							0	0.00			0.00			0.00		
	eld Studies							•	0			0.00			0.00		
Character	நூர்ப்புர்த்தித் Final Exam to Success Grade						1	100.00			0.00			0.00			
Others	hers							0				0.00			0.00		
Meastren	Measนิหลาเลาt and Evaluation Techniques Used in the						ne E	Exams, assignments, pe				മ്രി ശിയാറെ in-class			· ·		
	Fotal Work Load															118.00	
Total worl	Hoad/	3 0 h	KK L	UAD	IAB	LE										3.93	
ECTS Credit of the Course					4.00												
25	25 CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS																
	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ	8 F	PQ9	PQ1 0	PQ11	PQ12	PQ1 3	PQ14	PQ15	PQ16
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ÖK2	3	2	1	1	3	1	2	2	0)	0	0	0	0	0	1	1
ÖK3	0	0	0	0	0	0	0	0	0)	0	0	0	0	0	0	0
		l	O: L	.earr	ning C	bjec	tive	<u> </u>	PG	2: P	rogra	m Qu	alifica	tions	<u>. </u>	1	
L																	

Contrib	1 very low	2 low	3 Medium	4 High	5 Very High
ution					
Level:					