	MATHEMATICS II												
1	Course Title:	MATHE	MATICS II										
2	Course Code:	EKO100)2										
3	Type of Course:	Compuls	sory										
4	Level of Course:	First Cyc	cle										
5	Year of Study:	1											
6	Semester:	2											
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:	No											
12	Language:	Turkish											
13	Mode of Delivery:	Face to	face										
14	Course Coordinator:	Prof. Dr.	MUSTAFA AYTAÇ										
15	Course Lecturers:	Prof. Dr. Erkan IŞIĞIÇOK Prof. Dr. Ayşe OĞUZLAR Prof. Dr. Nuran BAYRAM											
16	Contact information of the Course Coordinator:	Telefon: Adres: L	nail: aytac1@uludag.edu.tr efon: 224 29 41110 es: Uludağ Üniversitesi İktisadi ve İdari Bilimler Fakültesi, nometri Bölümü, Görükle, Bursa										
17	Website:												
18	Objective of the Course:		atical methods and techniques to give the students can eir own issues.										
19	Contribution of the Course to Professional Development:												
20	Learning Outcomes:												
		1	To be able to draw graphs of functions,										
		2	To be able to apply derivative of the fields of economics and business,										
		3	To be able to apply functions of several variables in economics and business to promote.										
		4	To be able apply to indefinite and definite integrals to economics and business areas.										
		5	To be able to do arithmetic operations on vectors,										
		6	To be able to make basic arithmetic operations in matrices and definition of the matrices										
		7	To be able to show use of matrices in input-output analysis										
		8	To be able to know the methods of solution of linear systems of equations,										
		9											
		10											
21	Course Content:												
		Co	ourse Content:										
Week			Practice										
1	Applications of Derivatives												

_	I																					
2							ivative Areas															
3	Fun	ctior	ns of	Se	veral	Varia	ables															
4		able					ns of nd Ma															
5	The	Inde	efinit	te Ir	tegra	al																
6							entatio Areas															
7	The (MİC				egral AM)																	
8							inite II Areas		al													
9	Vec	tors																				
10	Defi mati			nd B	asic	Arithr	metic (Opera	ations	of												
11	Dete	ermi	nant	of	a Ma	trix																
12		terminant of a Matrix, Inverse and Inverse atrix Application																				
13	Stag	ges of a Matrix																				
14	Stag Equ			Mat	rix ar	nd Sy	stems	of Li	near													
	Textbooks, References and/or Other Materials: Activites							(2010), Sosyal Bilimlerde Matematik, Ezgi Kitab Number Duration (hour) Tot Loa								vi, B W	ursa. ork					
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Midtern	s Grand	age									1					25.00)			25.00		
Others											2 1)			30.00		
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	Total Work Load																		180.0	0		
Course	ork l	oad/	30	hr																5.17		
ECTS (Credi	t of	the	Cou	rse															5.00		
25				C	ON	TRIE	BUTI	ON (OF LE		NIN(ALIF	_		_	1ES	S ТО	PRO	GR	RAM	ME		
		PQ1	PG	Q2 I	PQ3	PQ4	PQ5	PQ	6 PQ	7 PC	Q8 PQ	9	PQ1	PQ1	11	PQ12	PQ1	Р	Q14	PQ1	5 I	PQ16
													~ \				13					

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	4	2	3	3	4	3	3	4	3	3	4	4	0	0	0	0
ÖK2	4	4	3	3	4	2	3	4	3	4	3	3	0	0	0	0
ÖK3	3	4	4	3	3	4	3	2	3	4	3	3	0	0	0	0
ÖK4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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