## NATHEMATICS WIHT COMPUTER

1	Course Title:	NATHEM	ATICS WIHT COMPUTER							
2	Course Code:	MAT051	5							
3	Type of Course:	Optional								
4	Level of Course:	First Cyc	le							
5	Year of Study:	2								
6	Semester:	3								
7	ECTS Credits Allocated:	4.00								
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 f	ace							
14	Course Coordinator:	Prof. Dr.	BASRİ ÇELİK							
15	Course Lecturers:	yok								
16	Contact information of the Course Coordinator:	E-posta: Telefon: Adres: B Bölümü ´	basri@uludag.edu.tr +90 224 2941762 ursa Uludağ Üniversitesi Fen-Edebiyat Fakültesi Matematik 16059 Görükle-Bursa-TÜRKİYE							
17	Website:									
18	Objective of the Course:	Numbers coordina derivative	with Maple commands, functions, sets, orthogonal te system, graphs, and integral operations based on e transactions improperly.							
19	Contribution of the Course to Professional Development:	To be ab and geor	le to practice the professional applications of mathematical netric concepts with using computer.							
20	Learning Outcomes:									
		1	Can solve mathematical problems with the help of a program.							
		2	Graphs of functions of two or three variables can be drawn with the help of the program.							
		3								
		4								
		5								
		6								
		7								
		8								
		9								
		10								
21	Course Content:									
		Co	urse Content:							
Week	Theoretical		Practice							
1	Maple and Maple commands, uses the ditor.	ne tormat								
2	Basic algebraic operations and com	nands.								
3	Basic algebraic operations and comm	nands.								

4	Some b variable equatio	es, find ns.	ommar ling sin	nds, a nple s	ssignm olution:	nents a s to	and												
5	Variable mathen	es not natical	leave y expres	ou al	one, su	ubstitu	tion of												
6	And ele Maple, number	ment i subset of sub	eprese , subse osets, s	entatic et, and set op	on of cl d findin eration	usters ig the is.	of												
7	Repeat	ing cou	urses a	nd mi	idterm	exam													
8	Cartesi basic d number	an coo rawing <sup>.</sup> types	rdinate comm used i	e syste ands, n mat	em con and re hemati	nmano etrieva cs.	ds, I of												
9	Calcula multiplie fundam	tion wi cation, ental r	th the s absolu number	symbo ite va s, pol	ol of ad lue, sq ynomia	ldition uare r als.	and oot and	d											
10	expans polynor commo for the	ion of a nials a n divis calcula	algebra nd fact or and ition.	aic exp orizat least	oressio ion gre commo	ons, eatest on mu	ltiple												
11	Draw a Multiple graph te	polygo fonts o write	on, Pla and gr the sa	nar G aphic: me a>	raphs, s displa kes	ayed c	on the												
12	Repres to one a functior graph p	entatic and bij ns, inve lotting	on of fu ective f erse fui	nction function	ns with ons, the to calc	maple e oper culate	e, one ations and												
Activites								1	Number				Duration (hour)			Total Work Load (hour)			
Th <b>22</b> re	ti <b>bax</b> tboo	oks, Re	eferenc	es an	nd/or O	ther		•"∖⁄	<b>la</b> ple v	ve Map	ole ile M	a <b>terna</b> ti	ik ", Ba	asri Çel	<b>4</b> 2.00				
Practicals/Labs									0 0.00						0.00				
Settestudyseeshpeeperation									0 0.00					0.00					
Homev	neworks									1 28.00				28.00					
Project Midtorr	S n Evan											0.00			0.00				
Field S	Studies									0.00				0.00					
Midterr	n exame	ioot				0						22.00			22.00				
Others												0.00			0.00				
Final E	xams							10	<u>1</u> <u>28.00</u>				28.00						
Total V	tal Work Load														142.00				
<b>E</b> BEELes		/30 hr	(Tear)	Leam		livilles	10	40	.00						4.00				
ECTS	Credit of	the Co	ourse												4.00				
Total										100.00									
Measu Course	Measurement and Evaluation Techniques Used in the It Course									Measurement and evaluation are performed according to the Rules & Regulations of Bursa Uludağ University on Undergraduate Education.									
24	ECTS	/ WO	RKL	OAD	ТАВ	LE				_									
25	25 CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS																		
	PQ	1 PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ1	PQ11	PQ12	PQ1	PQ14	PQ15	PQ16			
ÖK1	0	0	0	0	0	0	0	4	0	0	0	5	0	0	0	0			
			-													•			

ÖK2	0	0	0	0	0	0	0	4	0	0	0	5	0	0	0	0
LO: Learning Objectives PQ: Program Qualifications																
Contrib 1 very low ution Level:				2 low			3 Medium			4 High			5 Very High			