DIFFERENTIAL AND INTEGRAL CALCULUS I										
1	Course Title:	DIFFERI	ENTIAL AND INTEGRAL CALCULUS I							
2	Course Code:	MAT1089								
3	Type of Course:	Compuls	sory							
4	Level of Course:	First Cycle								
5	Year of Study:	1								
6	Semester:	1								
7	ECTS Credits Allocated:	6.00								
8	Theoretical (hour/week):	4.00								
9	Practice (hour/week):	2.00								
10	Laboratory (hour/week):	0								
11	Prerequisites:	None								
12	Language:	Turkish								
13	Mode of Delivery:	Face to face								
14	Course Coordinator:	Prof. Dr. İSMAİL NACİ CANGÜL								
15	Course Lecturers:	Matematik bölümünün tüm öğretim üyesi ve öğretim görevlileri								
16	Contact information of the Course Coordinator:	E-posta: cangul@uludag.edu.tr Telefon: +90 224 2941756 Adres: Bursa Uludağ Üniversitesi Fen-Edebiyat Fakültesi Matematik Bölümü 16059 Görükle-Bursa-TÜRKİYE								
17	Website:									
18	Objective of the Course:	To give fundamental notions, results and applications related to limit, derivative and integral								
19	Contribution of the Course to Professional Development:	To give students the mathematical knowledge they will need in 4 years.								
20	Learning Outcomes:									
		1	Knows the notions of limit and continuity.							
		2	Knows the types of limit and continuity.							
		3	Knows the notion and several meanings of derivative.							
		4	knows the applications of derivative.							
		5								
		6								
		7								
		8								
		9								
		10								
21	21 Course Content:									
	Course Content:									
Week	Theoretical		Practice							
1			Problem solving							
2			Problem solving							
3			Problem solving							
4			Problem solving							
5			Problem solving							
6			Problem solving							

7								Pro	Problem solving								
8								Pro	Problem solving								
9							Pro	oblem	solving	)							
10								Pro	oblem	solving	9						
11								Pro	oblem	solving	)						
12								Pro	oblem	solving	9						
13							Pro	oblem	solving	9							
14						Pro	Problem solving										
22 Te Ma	22 Textbooks, References and/or Other Materials:																
<b>23</b> As	sesme	ent															
TERM LEARNING ACTIVITIES					WE	WEIGHT											
Midterm E	xam					1		40	40.00								
Quiz						0		0.0	00								
Home wor	k-proje	ect				0		0.0	00								
Final Exar	Final Exam 1						60	.00									
Total						2		10	0.00								
Contribution Success C	on of T Grade	erm (`	Year)	Learn	ing Act	tivities	to	40	40.00								
Activites				rado			Number			Duration (hour)			Total Work Load (hour)				
<b>FREGRE</b> tica	al							T	14 4.00 56.00								
Practicals/Labs							14 2.00 28.00										
Self study and preperation							ŀ	14 6.00 84.				84.00					
Homeworks							(	0 0.00			0.00						
Projects	Projects							(	0			0.00	0.00			0.00	
Field Studies							(	0			0.00	0.00			0.00		
Midterm exams							ŕ	1 5.00				5.00					
Others							(	0			0.00			0.00			
Final Exar	Final Exams							•	1			5.00			5.00		
Total Wor	Total Work Load															183.00	
Total work	Total work load/ 30 hr													5.93			
ECTS Cre	ECTS Credit of the Course								6.00								
25 CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS																	
	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ1	PQ11	PQ12	PQ1	PQ14	PQ15	PQ16	
ÖK1	1	2	1	0	1	0	0	0	0	0	0	0	0	0	0	0	
ÖK2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ÖK3	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	
ÖK4	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
						 		. r				01:4:					
			LO: L	_earr	ning C	Jolec	tives	5 F	'Q: P	rogra	ım Qu	alifica	itions	5			

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