	CALCULUS II	(INTE	GRAL CALCULATIONS)								
1	Course Title:	CALCUL	US II (INTEGRAL CALCULATIONS)								
2	Course Code:	MAT107	2								
3	Type of Course:	Compuls	ory								
4	Level of Course:	First Cyc	ele								
5	Year of Study:	1									
6	Semester:	2									
7	ECTS Credits Allocated:	6.00									
8	Theoretical (hour/week):	3.00									
9	Practice (hour/week):	2.00									
10	Laboratory (hour/week):	0									
11	Prerequisites:	There ar	e no prerequisites.								
12	Language:	Turkish									
13	Mode of Delivery:	Face to	ace								
14	Course Coordinator:	Prof. Dr.	ESEN İYİGÜN								
15	Course Lecturers:	Doç. Dr.	Sibel KOPARAL								
16	Contact information of the Course Coordinator:	Prof.Dr.Esen İYİGÜN e-mail: esen@uludag.edu.tr phone: 0.224.2941766 address: Bursa Uludağ University, Art and Science Faculty, Department of Mathematics,16059, Bursa.									
17	Website:										
1		The aim of the course is to make the students gain the basic subjects of mathematics, to teach the notions of integrals, techniques of integration, applications of integration, further applications of integration, sequences, series and the related notions.									
18	Objective of the Course:	subjects techniqu	of mathematics, to teach the notions of integrals, es of integration, applications of integration, further								
18	Objective of the Course: Contribution of the Course to Professional Development:	subjects techniqu applicati notions. Mathematecogniz	of mathematics, to teach the notions of integrals, es of integration, applications of integration, further								
	Contribution of the Course to	subjects techniqu applicati notions. Mathematecogniz	of mathematics, to teach the notions of integrals, es of integration, applications of integration, further ons of integration, sequences, series and the related atics II course contributes to students in the field of ing problems, deciding on the solution method and gaining								
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19	Contribution of the Course to Professional Development: Learning Outcomes:	subjects techniquapplication notions. Mathemater recognization the abilition of the abilit	of mathematics, to teach the notions of integrals, es of integration, applications of integration, further ons of integration, sequences, series and the related atics II course contributes to students in the field of ing problems, deciding on the solution method and gaining to solve. Data detection, evaluation and use the data on suitable places for problems The students learn what does integral mean, how to calculate an integral and applications of integration.								
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1	The indefinite integral and continuou functions.	S	Problems solving.										
2	Upper and lower sums and the fundatheorems.	amental	Pr	Problems solving.									
3	Definite integral and Riemann sums.		Pı	Problems solving.									
4	Inequalities and improper integrals.		Pı	Problems solving.									
5	Substitution, integration by parts and fractions.	partial	Problems solving.										
6	Trigonometric integrals, binomial inte exponential substitutions.	egrals,	Problems solving.										
7	Account the length of the curve and calculation.	volume	Pı	roblems solving.									
8	Repeating courses		Pr	roblems solving.									
9	Area and volume calculation of surfa revolution	ices of	Pı	roblems solving.									
10	Account area and arc length in polar coordinates		Pr	roblems solving.									
11	Sequences ve convergence of sequences	ences.	Pi	roblems solving.									
12	Series, series with positive terms, the test, alterne series, power series, the test and taylor series.		Pı	roblems solving.									
13	Multiple integrals.		Pi	roblems solving.									
14	Applications of multiple integrals.		Pı	roblems solving.									
Activit				Number Sition, ISBN 0-201-041 H.Hilmi Hacısalihoğlu	Duration (hour)	Load (hour)							
Practica	als/Labs		13.	14	2.00	28.00							
Self stu	dy and preperation		٥	14 ^{S.}	2.00	28.00							
Homew	vorks			0	0.00 0.00								
PERINCL	EARNING ACTIVITIES	NUMBE	W	£Ю́НТ	1.00	14.00							
Field S	tudies	-		0	0.00	0.00							
Midtern	n exams	1	-	700	10.00	10.00							
Others				14	3.00	42.00							
Final F	xams	0	V.	90	16 00	16.00							
Total W	Vork Load	11				190.00							
Total w	ork load/ 30 hr	Z	П	00.00		6.00							
ECTS (Credit of the Course					6.00							
Contrib	oution of Final Exam to Success Grade	е	60.00										
Total			100.00										
Measur Course	•	sed in the	The system of relative evaluation is applied.										
24	ECTS / WORK LOAD TABLE												
25	25 CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS												

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

ÖK2	5	4	3	0	4	0	0	0	0	0	0	0	0	0	0	0
ÖК3	5										0 m Qu	0 alifica			0	0
Contrib 1 very low ution Level:			2	2 low		3 1	Medi	um		4 Higl	า		5 Ver	y High		