

NATHEMATICS WIHT COMPUTER

1	Course Title:	NATHEMATICS WIHT COMPUTER	
2	Course Code:	MAT0515	
3	Type of Course:	Optional	
4	Level of Course:	First Cycle	
5	Year of Study:	0	
6	Semester:	0	
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 face	
14	Course Coordinator:	Öğr.Gör.Dr. FILİZ GÜLSOY	
15	Course Lecturers:	yok	
16	Contact information of the Course Coordinator:	gfiliz@uludag.edu.tr	
17	Website:		
18	Objective of the Course:	Numbers with Maple commands, functions, sets, orthogonal coordinate system, graphs, and integral operations based on derivative transactions improperly.	
19	Contribution of the Course to Professional Development:		
20	Learning Outcomes:		
		1	The use and purpose of the command in Maple grip.
		2	Maple is a mathematical process of fetching results in the encoding.
		3	The command did not know he knew Maple Maple commands to learn.
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21	Course Content:		
		Course Content:	
Week	Theoretical	Practice	
1	Maple and Maple commands, uses the format editor.		
2	Basic algebraic operations and commands.		
3	Basic algebraic operations and commands.		
4	Some basic commands, assignments and variables, finding simple solutions to equations.		

5	Variables not leave you alone, substitution of mathematical expressions.	
6	And element representation of clusters of Maple, subset, subset, and finding the number of subsets, set operations.	
7	Repeating courses and midterm exam	
8	Cartesian coordinate system commands, basic drawing commands, and retrieval of number types used in mathematics.	
9	Calculation with the symbol of addition and multiplication, absolute value, square root and fundamental numbers, polynomials.	
10	expansion of algebraic expressions, polynomials and factorization greatest common divisor and least common multiple for the calculation.	
11	Draw a polygon, Planar Graphs, Multiple fonts and graphics displayed on the graph to write the same axes	
12	Representation of functions with maple, one to one and bijective functions, the operations functions, inverse function to calculate and graph plotting.	
13	Maplette buttons, add titles and text window.	
14	Types Maplette.	

Activites		Number	Duration (hour)	Total Work Load (hour)
23	Theoretical Assessment	14	3.00	42.00
Practicals/Labs		0	0.00	0.00
Self study and preperation		0	0.00	0.00
Midterm Exam		1	40.00	40.00
Homeworks		1	28.00	28.00
Projects		0	0.00	0.00
Home Work-project		1	10.00	10.00
Field Studies		0	0.00	0.00
Midterm exams		1	22.00	22.00
Total		3	100.00	100.00
Others		0	0.00	0.00
Final Exam		1	28.00	28.00
Total Work Load				120.00
Total work load/ 30 hr		100.00		4.00
ECTS Credit of the Course				4.00

Measurement and Evaluation Techniques Used in the Course

24 ECTS / WORK LOAD TABLE

25	CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME QUALIFICATIONS															
	PQ1	PQ2	PQ3	PQ4	PQ5	PQ6	PQ7	PQ8	PQ9	PQ10	PQ11	PQ12	PQ13	PQ14	PQ15	PQ16
ÖK1	0	3	4	3	0	3	0	3	4	5	0	0	0	0	0	0
ÖK2	0	3	4	3	0	3	0	3	4	5	0	0	0	0	0	0
ÖK3	0	3	4	3	0	3	0	3	4	5	0	0	0	0	0	0

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