

ABSTRACT MATHEMATICS I

1	Course Title:	ABSTRACT MATHEMATICS I	
2	Course Code:	MAT0505	
3	Type of Course:	Optional	
4	Level of Course:	First Cycle	
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:	None	
12	Language:	Turkish	
13	Mode of Delivery:	Face to face	
14	Course Coordinator:	Prof. Dr. BASRİ ÇELİK	
15	Course Lecturers:	Prof.Dr. Atilla AKPINAR	
16	Contact information of the Course Coordinator:	basri@uludag.edu.tr 0224.2941762	
17	Website:		
18	Objective of the Course:	To introduce the basic concepts of mathematics on sets. To able to use mathematics' language. To establish the relationship between spoken language and mathematical language.	
19	Contribution of the Course to Professional Development:	To be able to practice the professional applications of mathematical and geometric concepts.	
20	Learning Outcomes:		
		1	Learns the concept of proposition.
		2	Distinguish between propositional and non-propositional statements.
		3	Learns the concept of set.
		4	Knows sets display methods.
		5	Can construct operations between sets.
		6	Knows and uses the concept of function.
		7	
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		10	
21	Course Content:		
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Week	Theoretical	Practice	
1	Description of course.		
2	Mathematical propositions.		
3	Methods of proof. Showing a truth of propositions.		
4	Application of propositions to electric circuits.		
5	Open propositions. Introduction to the concept of set.		

ÖK5	0	0	0	0	5	0	4	0	0	0	0	0	0	0	0	0
ÖK6	0	0	0	0	5	0	4	0	0	0	0	0	0	0	0	0
LO: Learning Objectives PQ: Program Qualifications																
Contribution Level:	1 very low			2 low			3 Medium			4 High			5 Very High			