NUMBER THEORY											
1	Course Title:	NUMBE	R THEORY								
2	Course Code:	MAT302	0								
3	Type of Course:	Compuls	sory								
4	Level of Course:	First Cyc	le								
5	Year of Study:	3									
6	Semester:	6									
7	ECTS Credits Allocated:	5.00									
8	Theoretical (hour/week):	2.00									
9	Practice (hour/week):	2.00									
10	Laboratory (hour/week):	0									
11	Prerequisites:	None									
12	Language:	Turkish									
13	Mode of Delivery:	Face to f									
14	Course Coordinator:	Prof. Dr.	İSMAİL NACİ CANGÜL								
15	Course Lecturers:	Yrd. Doç. Dr. Musa DEMİRCİ, Yrd. Doç. Dr. Hacer ÖZDEN									
16	Contact information of the Course Coordinator:	cangul@uludag.edu.tr, 0224 2941756, Fen-Edebiyat Fakültesi, Matematik Bölümü, 16059, Görükle / Bursa									
17	Website:	http://www.ismailnacicangul.com/									
18	Objective of the Course:	To give definitions and detailed properties of algebraic structures; especially groups, rings and fields, types of groups, transformations between groups, quotient group together with the origins of the notions.									
19	Contribution of the Course to Professional Development:										
20	Learning Outcomes:										
		1	Knows algebraic structures and their properties.								
		2	Can use the transformations between algebraic structures.								
		3	Has an idea about at least one of the computer programmes in group theory.								
		4	Can realise applications of algebraic structures.								
		5	Knows geometric properties of groups.								
		6	Knows the corresponding English meanings of the main notions.								
		7									
		8									
		9									
04	Course Content:	10									
21		<u> </u>	urse Content:								
Wook	Theoretical	0	Practice								
1	Introduction, groups		Examples of groups								
2	Group examples and basic propertie	S	Examples of binary operations								
3	Subgroups		Examples of subgroups								
4	Normal subgroups		Examples of normal subgroups								

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LO: Learning Objectives PQ: Program Qualifications																
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