ABSTRACT ALGEBRA											
1	Course Title:	ABSTRA	CT ALGEBRA								
2	Course Code:	MAT302	0								
3	Type of Course:	Compuls	ory								
4	Level of Course:	First Cyc	ele								
5	Year of Study:	3									
6	Semester:	6									
7	ECTS Credits Allocated:	6.00									
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	ace								
14	Course Coordinator:	Prof. Dr.	İSMAİL NACİ CANGÜL								
15	Course Lecturers:	Doç. Dr. Hacer Ö	Gökhan SOYDAN, Doç. Dr. Musa DEMİRCİ, Yrd. Doç. Dr. ZDEN								
16	Contact information of the Course Coordinator:		uludag.edu.tr, 0224 2941756, Fen-Edebiyat Fakültesi, ik Bölümü, 16059, Görükle / Bursa								
17	Website:										
18	Objective of the Course:	To introduce algebraic structures mainly groups, rings and fields, to give their properties and examples together with the relations between them, and to give a classification of the main algebraic structures									
19	Contribution of the Course to Professional Development:										
20	Learning Outcomes:										
		1									
		2									
		3									
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		7									
		8									
		9									
		10									
21	Course Content:										
	Course Content:										
			Practice								
1	Groups		Group examples								
2	Group tables		Examples to group properties								
3	Subgroups		Subgroup examples								
4	normal subgroups		examples of normal subgroups								
5	permutation groups		examples of permutations and symmetric groups								

6	alternati	alternating groups							alternating group examples										
7	, , , , , , , , , , , , , , , , , , ,							ho	homomorphism and kernel examples										
8	quotient	quotient groups								examples to quotient groups									
9	propertie	properties of quotient groups								examples of properties of quotient groups									
10	cyclic groups								examples of cyclic groups										
11	, ,								examples of dihedral groups										
12	direct pr	omorp	hism t	heore	ems	ex	examples of direct product and isomorphism theorems												
13	·									examples of ring, subring and ideals									
14									examples of fields										
22	Textbooks, References and/or Other Materials:																		
23	Assesm	ent																	
TERM L	EARNING	3 ACTI	VITIES	3		l F	NUMBE	WI	EIGHT										
Midtern	n Exam					2		50	.00										
Quiz						(	)	0.0	00										
Home v	work-project 0								00										
Final E	l Exam								50.00										
Total						3	3	10	100.00										
	ution of T	Term (	Year)	Learn	ing Act	tivities	s to	50	50.00										
	Activites								Number Duration (hour) Total Work Load (hour)										
	tenlent a	nd Eva	aluatio	n Tec	hnique	s Use	ed in th	ne											
	als/Labs	repera	Righ L	OAD	TAB	LE													
Homew	vorks																		
Projects	s																		
Field St	tudies																		
Midtern	n exams																		
Others																			
Final E	xams																		
Total W	ork Load	ł																	
Total w	ork load/	30 hr																	
ECTS (	Credit of	the Co	urse						6.00										
25	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
ÖK2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
ÖK3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			

ÖK4

ÖK5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ÖK6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ÖK7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ÖK8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ÖK9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ÖK10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
LO: Learning Objectives PQ: Program Qualifications																	
Contrib ution Level:	ution			2 low			3 Medium			4 High				5 Very High			