	ABS	STRAC	CT 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:	give their	oduce algebraic structures mainly groups, rings and fields, to heir properties and examples together with the relations en them, and to give a classification of the main algebraic ures						
19	Contribution of the Course to Professional Development:								
20	Learning Outcomes:								
		1							
		2							
		3							
		4							
		5							
		6							
		7							
		8							
		9							
		10							
21	Course Content:								
		Со	ourse 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	alternating groups		alternating group examples						
7	algebraic transformations		homomorphism and kernel examples						
8	quotient groups		examples to quotient groups						
9	properties of quotient groups		examples of properties of quotient groups						
10	cyclic groups		examples of cyclic groups						
11	dihedral groups		examples of dihedral groups						
12	direct product and isomorphism theorem	rems	examples of direct product and isomorphism theorems						
13	ring, subring and ideals		examples of ring, subring and ideals						
14	fields		examples of fields						
22	Textbooks, References and/or Other Materials:								
23	Assesment								
TERM L	EARNING ACTIVITIES	NUMBE R	WEIGHT						
Midtern	n Exam	2	50.00						
Quiz		0	0.00						
Home \	work-project	0	0.00						
Final E	xam		50.00						
Total		3	100.00						
	ution of Term (Year) Learning Activities S Grade	es to	50.00						
Contrib	ution of Final Exam to Success Grade)	50.00						
Total			100.00						
Measui Course	rement and Evaluation Techniques Us	sed in the							
24	ECTS / WORK LOAD TABLE	_							

Activites	Number	Duration (hour)	Total Work Load (hour)
Theoretical			
Practicals/Labs			
Self study and preperation			
Homeworks			
Projects			
Field Studies			
Midterm exams			
Others			
Final Exams			
Total Work Load			
Total work load/ 30 hr			
ECTS Credit of the Course			6.00

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

Contrib 1 very low ution Level:			2 low		3	3 Medium		4 High			5 Very High					
LO: Learning Objectives PQ: Program Qualifications																
ÖK10	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
ÖK8	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
ÖK6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK4	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
ÖK2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0