

## TEACHING OF ALGEBRA

1	Course Title:	TEACHING OF ALGEBRA	
2	Course Code:	İMT4116	
3	Type of Course:	Optional	
4	Level of Course:	First Cycle	
5	Year of Study:	4	
6	Semester:	8	
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:		
12	Language:	Turkish	
13	Mode of Delivery:	Face to face	
14	Course Coordinator:	Prof. Dr. RIDVAN EZENTAŞ	
15	Course Lecturers:	Prof.Dr. Ridvan EZENTAŞ Prof.Dr. Murat ALTUN	
16	Contact information of the Course Coordinator:	rezentas@uludag.edu.tr 0224 2942287	
17	Website:		
18	Objective of the Course:	To examine the historical development of algebra, to determine and discuss algebra issues in the curriculum, to examine students' learning difficulties and misconceptions, to evaluate the role of technology in algebra learning and teaching, to introduce and implement the methods used in algebra learning and teaching.	
19	Contribution of the Course to Professional Development:		
20	Learning Outcomes:		
		1	Knows the subjects of algebra in the curriculum.
		2	Knows the different methods of teaching algebra subjects.
		3	Realize the learning difficulties, misconceptions and solution suggestions encountered in algebra subjects.
		4	Understands how students plan their lesson based on algebraic thinking processes.
		5	Evaluates the use of technology in algebra teaching and learning.
		6	Understand how to create learning environments that support algebra teaching and learning.
		7	
		8	
		9	
		10	
21	Course Content:		
		<b>Course Content:</b>	
Week	Theoretical	Practice	
1	Introduction, Explanation of Course Rules and Processing, Introduction of Resources, Giving the Representation, What is Algebra? Historical development of algebra.		



ÖK3	0	0	0	2	0	1	0	0	1	1	1	0	1	0	0	0
ÖK4	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
ÖK6	0	0	0	0	0	0	0	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			