

PROBLEM SOLVING IN MATHEMATICS

1	Course Title:	PROBLEM SOLVING IN MATHEMATICS	
2	Course Code:	İMÖ4001	
3	Type of Course:	Compulsory	
4	Level of Course:	First Cycle	
5	Year of Study:	2	
6	Semester:	3	
7	ECTS Credits Allocated:	3.00	
8	Theoretical (hour/week):	2.00	
9	Practice (hour/week):	0.00	
10	Laboratory (hour/week):	0	
11	Prerequisites:	Yok	
12	Language:	Turkish	
13	Mode of Delivery:	Face to face	
14	Course Coordinator:	Doç. Dr. YELİZ YAZGAN	
15	Course Lecturers:		
16	Contact information of the Course Coordinator:	İş Tel 0224.2755024 e-mail: yazgany@uludag.edu.tr	
17	Website:		
18	Objective of the Course:	The aim of this course is to discuss the place of problem solving in mathematics education and the methods of providing students with problem solving skills.	
19	Contribution of the Course to Professional Development:	The perspectives of the students taking the course about problem solving will expand and therefore they will understand the importance of its teaching.	
20	Learning Outcomes:		
		1	Understanding what is problem and problem solving
		2	Appreciating the importance of problem solving
		3	Knowing the types of problems
		4	Understanding the stages of problem solving
		5	Having knowledge about routine problem solving and teaching
		6	Having knowledge about non-routine problem solving and teaching
		7	Understanding problem posing and its importance
		8	Using problem posing strategies
		9	
		10	
21	Course Content:		
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Week	Theoretical	Practice	
1	What is problem and problem solving?		
2	Importance and goals of teaching problem solving		
3	Classifications of problems		
4	Stages of problem solving		

ÖK5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
ÖK6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
ÖK7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
ÖK8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
LO: Learning Objectives PQ: Program Qualifications																
Contribution Level:	1 very low			2 low			3 Medium			4 High			5 Very High			