

MISCONCEPTIONS IN MATHEMATICS TEACHING

1	Course Title:	MISCONCEPTIONS IN MATHEMATICS TEACHING
2	Course Code:	İMÖ4003
3	Type of Course:	Compulsory
4	Level of Course:	First Cycle
5	Year of Study:	4
6	Semester:	7
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:	
12	Language:	Turkish
13	Mode of Delivery:	Face to face
14	Course Coordinator:	Doç. Dr. HATİCE KÜBRA GÜLER SELEK
15	Course Lecturers:	
16	Contact information of the Course Coordinator:	rezentas@uludag.edu.tr 0224 2942287 Uludağ Üniversitesi Eğitim Fakültesi, E Blok, Matematik ve Fen Bilimleri Bölümü, Matematik Eğitimi ABD.
17	Website:	
18	Objective of the Course:	The main aim of this study is to examine misconceptions associated with different mathematics concepts and to discuss contemporary teaching strategies to overcome these misconceptions.
19	Contribution of the Course to Professional Development:	Creates and develops the knowledge base of the prospective teacher. Comprehends the concepts related to the field and the relations between concepts based on the competencies gained in secondary education. Have defines and analyzes problems related to his field, and develops solutions based on evidence and research.
20	Learning Outcomes:	
	1	Defines misconception
	2	Exemplifies common misconceptions associated with different mathematics concepts
	3	Implements inquiry techniques that reveal the thinking process of elementary school students
	4	Suggests solution proposals for conceptual misconceptions
	5	Prepares lesson plans for overcoming misconceptions
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21	Course Content:	
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Week	Theoretical	Practice
1	Semester plan, Mathematical error, difficulty and misconception	

ÖK5	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:	1 very low		2 low		3 Medium		4 High		5 Very High							