Course Syllabus

Code - Course Title	**MAT272 - Primary School Mathematics Teaching**
Course Type	V. SEMESTER
Laboratory + Practice	3+0
ECTS	**5.0**
Language of Instruction	Türkçe
Course Type	Area Elective Courses
Course Instructor(s)	DR. ÖĞR. ÜYESİ BETÜL BARUT

Mode of Delivery	The mode of delivery of this course is face to face.
Prerequisites	There is no prerequisite or co-requisite for this course.
Courses Recomended	None
Recommended Resources	Altun, Murat (2000) Matematik Öğretimi. Bursa: Erkam Matbaası .Van de Walle, J., Karp, K. ve Bay-Williams, J. (2016). İlkokul ve ortaokul matematiği: Gelişimsel yaklaşımla öğretim.(S. Durmuş, Çev.). Ankara: Nobel Akademik. (Orijinal baskı, 2009).Olkun, S.& Toluk-Uçar, Z. (2007). İlköğretimde Etkinlik Temelli Matematik Öğretimi. Ankara: Maya Akademi. Baykul, Y. (2002) İlköğretimde Matematik Öğretimi. Ankara: Pegem Yayıncılık.
Work Placement	None

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Objectives and Basic Principles of Primary School Mathematics Teaching	
Week - 2		Investigation of Primary School Mathematics Course Curriculum in Terms of Aim, Content, Philosophical Approach, Teaching Methods, Measurement and Evaluation Techniques	
Week - 3		Major Learning Theories and Their Relations with Mathematics Learning	
Week - 4		Major Learning Theories and Their Relations with Mathematics Learning	
Week - 5		Important Skills in Early Mathematics	
Week - 6		Measurement and Evaluation in Primary School Mathematics Courses	
Week - 7		Misconceptions and Difficulties	
Week - 8		Development of Number Concept and Number Sense	
Week - 9		Place Value Concept	
Week - 10		Arithmetic Operations: Addition and Subtraction	
Week - 11		Arithmetic Operations: Multiplication and Division	

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Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 12		Concept of fraction and operations in fractions	
Week - 13		Geometric Concepts and Measurement Development in Primary School	
Week - 14		Development of Data Analysis Concepts in Primary School	

Learning Outcomes

#	Learning Outcome
1	Will be able to explain the aims and basic principles of primary school mathematics teaching.
2	Will be able to analyze the aim, content, philosophical approach, teaching methods, measurement and evaluation techniques of primary school mathematics curriculum.
3	Will be able to analyze important skills in mathematics from early ages.
4	Will be able to analyze effective mathematics teaching.
5	Will be able to analyze measurement and evaluation in primary school mathematics courses.
6	Will be able to analyze misconceptions and difficulties.
7	Will be able to analyze the basic concepts in primary school mathematics.

Sustainable Development Goals

No content has been provided.

Course Theme

No content has been provided.

AKTS Workload

Activity	Duration (Hour)	Count	Workload
Teorik Derse Katılım	0	0	0
Sınıf Dışı Çalışma (Ön Hazırlık & Pekiştirme Amaçlı)	0	0	0
Ödevler	0	0	0
Proje - Rapor - Sunum Hazırlama	0	0	0
Ara Sınav Hazırlığı (sınav süresi dahil)	0	0	0
Final Sınavı Hazırlığı (sınav süresi dahil)	0	0	0
Uygulama (Laboratuvar, Müzik/Enstrüman Uygulaması, Atölye/Saha Çalışması vb.)	0	0	0
Staj Uygulaması	0	0	0
		Calculated ECTS	**0**

Assessment Method and Passing Requirements

No content has been provided.