Course Syllabus

Code - Course Title	**MTE507 - Teaching and Learning Mathematics**
Course Type	I. SEMESTER
Laboratory + Practice	3+0
ECTS	**6.0**
Language of Instruction	Türkçe
Course Type	Elective Courses
Course Instructor(s)	PROF. DR. HÜSEYİN BAHADIR YANIK

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	There is no recommended optional programme component for this course.
Recommended Resources	Handbook of Research in Mathematics Education
Work Placement	N/A

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Mathematics Education	
Week - 2		Mathematics Education	
Week - 3		How Mathematics Should be Taught?	
Week - 4		Learning and Teaching Meaningful Mathematics	
Week - 5		Learning and Teaching Meaningful Mathematics	
Week - 6		approaches on Teaching and Learning Mathematics	
Week - 7		Teaching Models	
Week - 8		Principles and Standards for School Mathematics	
Week - 9		Principles and Standards for School Mathematics	
Week - 10		Lesson planning and teaching	
Week - 11		Lesson planning and teaching	
Week - 12		Lesson planning and teaching	
Week - 13		Lesson planning and teaching	
Week - 14		Lesson planning and teaching	

Learning Outcomes

#	Learning Outcome
1	examine and explain the historical development of mathematics education
2	explain the important components of mathematics education
3	explain the standards and principles for school mathematics
4	explain the role of technology in mathematics education
5	design a lesson plan and implements it.

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.

Assessment Method and Passing Requirements	Quamtity	Percentage (%)
1.Midterm Exam	1	30
Final Exam	1	40
Homework	1	30
	Sum (%)	**100**