Course Syllabus

Code - Course Title	**MTE505 - Technology and Mathematics Education**
Course Type	II. SEMESTER
Laboratory + Practice	3+0
ECTS	**6.0**
Language of Instruction	Türkçe
Course Type	Elective Courses
Course Instructor(s)	PROF. DR. EMEL ÖZDEMİR ERDOĞAN

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.
Work Placement	N/A

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Mathematics Education and ICT	
Week - 2		ICT in mathematics education and theoretical approaches	
Week - 3		ICT in mathematics education and theoretical approaches	
Week - 4		ICT in mathematics education and theoretical approaches	
Week - 5		ICT in mathematics education and theoretical approaches	
Week - 6		ICT in Teaching Analysis	
Week - 7		ICT in Teaching Analysis	
Week - 8		ICT in Teaching Analysis	
Week - 9		ICT in Teaching Algebra	
Week - 10		ICT in Teaching Algebra	
Week - 11		ICT in Teaching Algebra	
Week - 12		ICT in Teaching Geometry	
Week - 13		ICT in Teaching Geometry	
Week - 14		ICT in Teaching Geometry	

Learning Outcomes

#	Learning Outcome
1	define the development of the approaches related to ICT use in mathematics education
2	explains opportunities and also barriers/deficiencies provided by computer software programs used in mathematics education.
3	analyses environments which ICT use in mathematics education provides as teaching and learning tools.

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.