Course Syllabus

Code - Course Title	**MTE606 - The use of the Spreadsheet in Mathematics Teaching**
Course Type	I. SEMESTER
Laboratory + Practice	3+0
ECTS	**7.5**
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	It is suggested for students to take MTE 505 Technology and Mathematics Education course.
Work Placement	N/A

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Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Introduction to spreadsheets	
Week - 2		Introduction to spreadsheets	
Week - 3		Spreadsheet in Mathematics Education	
Week - 4		Analysis of researches on spreadsheet in mathematics education	
Week - 5		Analysis of researches on spreadsheet in mathematics education	
Week - 6		Analysis of researches on spreadsheet in mathematics education	
Week - 7		Analysis of researches on spreadsheet in mathematics education	
Week - 8		Analysis of researches on spreadsheet in mathematics education	
Week - 9		Teaching situations with spreadsheet use	
Week - 10		Teaching situations with spreadsheet use	
Week - 11		Teaching situations with spreadsheet use	
Week - 12		Lesson applications	
Week - 13		Lesson applications	
Week - 14		Lesson applications	

Learning Outcomes

#	Learning Outcome
1	The instructor/student will be able to explain potentialities offered by spreadsheet for mathematics education.
2	The instructor/student will be able to explain constraints of spreadsheet use and difficultiesencountered.
3	The instructor/student will be able to solve problems by using spreadsheet.
4	The instructor/student will be able to prepare activities by using spreadsheet.
5	The instructor/student will be able to evaluate a mathematical activity requiring the spreadsheet use.

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	70
	Sum (%)	**100**