Course Syllabus

Code - Course Title	**MTE527 - History of Mathematics for Mathematics Teaching**
Course Type	I. SEMESTER
Laboratory + Practice	3+0
ECTS	**6.0**
Language of Instruction	Türkçe
Course Type	Elective Courses
Course Instructor(s)	PROF. DR. ABDULKADİR 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	None
Recommended Resources	Burton, D. (2011). Matematik tarihi: Giriş. Soner Durmuş (Çeviri Ed.). İstanbul: Nobel Yaşam, 2017
Work Placement	N/A

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Babylonian-Egyptian mathematics	
Week - 2		Ancient Greek mathematics	
Week - 3		Chinese, Indian and Islamic World mathematics	
Week - 4		Mathematics of Renaissance period	
Week - 5		Modern mathematics period	
Week - 6		Historical development of numbers	
Week - 7		Historical development of algebra	
Week - 8		Historical development of geometry	
Week - 9		Historical development of calculus	
Week - 10		Historical development of probability and statistics	
Week - 11		20th Century Mathematics	
Week - 12		History of Mathematics in Mathematics Education Research	
Week - 13		History of Mathematics in Mathematics Curricula	
Week - 14		Integration of History of Mathematics in Mathematics Courses	

Learning Outcomes

#	Learning Outcome
1	Explain Basic Periods and their Characteristics in the History of Mathematics
2	explain emergence and development of mathematical domains
3	Develop a positive attitude towards mathematics and mathematicians
4	Discuss the place of the history of mathematics in mathematics education research

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.