Course Syllabus

Code - Course Title	**MAT243 - Mathematics I**
Course Type	I. SEMESTER
Laboratory + Practice	2+0
ECTS	**3.0**
Language of Instruction	Türkçe
Course Type	Elective Courses
Course Instructor(s)	DR. ÖĞR. ÜYESİ ÖZLEM ESEN

Mode of Delivery	This lecture is given face to face.
Courses Recomended	None
Recommended Resources	None
Work Placement	None

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Integers, and Four operations with Integers: Addition, subtraction, multiplication, and division	
Week - 2		Four operations with Integers	
Week - 3		Problems in four operations with integers: numbers problems	
Week - 4		Problems in four operations with integers: times problems	
Week - 5		Problems in four operations with integers: shopping problems	
Week - 6		Fractions	
Week - 7		Operations with fraction	
Week - 8		Fractions problems	
Week - 9		Fractions problems	
Week - 10		Decimals Numbers	
Week - 11		Operations with decimals	
Week - 12		Decimal Problems	
Week - 13		Ratio and Proportion	
Week - 14		Problems with proportions	

Learning Outcomes

#	Learning Outcome
1	they will be able to gain basic knowledge and skills related to natural numbers and integers
2	They will be able to gain basic knowledge and skills related to fractions
3	They will be able to gain basic knowledge and skills related to decimal numbers
4	They will be solve problems with proportions
5	Lineer dönüşümleri ve bunların matrislerle temsil edilmesini ifade edebilecektir
6	İç çarpım uzayları, vektörlerin dikliği kavramını ifade edebilecek, bu kavramları hesaplamalarda kullanabilecektir
7	Gerçel kare matrisin köşegenleştirilebilir olup olmadığını belirleyebilecektir.

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	25
Final Exam	1	50
Homework	1	25
	Sum (%)	**100**