Course Syllabus

Code - Course Title	**MAT126 - Mathematics**
Course Type	I. SEMESTER
Laboratory + Practice	2+0
ECTS	**2.0**
Language of Instruction	Türkçe
Course Type	Required Courses
Course Instructor(s)	DR. ÖĞR. ÜYESİ SİBEL BÜYÜKTİRYAKİ

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.
Work Placement	No applicable

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Natural Numbers, Real Numbers	
Week - 2		Divisibility Rules	
Week - 3		Prime Numbers, Disequilibrium	
Week - 4		Rational numbers	
Week - 5		Equations, numerical value	
Week - 6			
Week - 7		Powered numbers	
Week - 8		Root numbers	
Week - 9		Identity and factorization	
Week - 10		Concept of Proportion	
Week - 11		equations	
Week - 12		Number-Age-percentage-motion problems	
Week - 13		Concepts of Mixing and Composition; Calculations of Proportional Division.	
Week - 14		Calculating the loss, Calculating the profit based on the rate of sales price, , Calculating the total amount of loss; Calculation of Cost and Sales Prices	

Learning Outcomes

#	Learning Outcome
1	To understand the operations of addition, subtraction, multiplication, and division in mathematics, as well as the properties of these operations. To recognize natural numbers
2	Rational numbers To recognize natural numbers, integers, rational numbers, and real numbers, and to comprehend the relationship between real numbers and the number line Equations, numerical value to be able to form and solve first-degree equations with one or two variables
3	To understand powers and their fundamental properties, and to perform operations with exponential numbers. Root numbers To understand radicals and their fundamental properties, and to perform operations with radical numbers. Identity and factorization Concept of Proportion To distinguish between directly proportional quantities and inversely proportional quantities.

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	40
Final Exam	1	60
	Sum (%)	**100**