Course Syllabus

Code - Course Title	**MAT243 - Mathematics I**
Course Type	II. SEMESTER
Laboratory + Practice	2+0
ECTS	**3.0**
Language of Instruction	Türkçe
Course Type	Elective Courses
Course Instructor(s)	DOÇ. DR. AYŞE TANRIDİLER

Mode of Delivery	This lecture is given face to face.
Place of Delivery	On Campus
Used Educational Platforms	Face-to-face
Prerequisites	There are no prerequisites for this course.
Courses Recomended	None
Recommended Resources	None
Work Placement	None
Aims of the Course	Teaching the fundamental mathematical skills required in the profession of Graphic Design

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Units of length and conversions between units of length	
Week - 2		Units of length and conversions between units of length	
Week - 3		Fractions	
Week - 4		Fractions	
Week - 5		Decimal representations	
Week - 6		Decimal representations	
Week - 7		Relationship between two quantities: Ratio	
Week - 8		Relationship between two quantities: Ratio	
Week - 9		Paper sizes used in graphic printing	
Week - 10		Paper sizes used in graphic printing	
Week - 11		Percentage calculations	
Week - 12		Percentage calculations	

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 13		The golden ratio	
Week - 14		The golden ratio	

Learning Outcomes

#	Learning Outcome
1	Will be able to acquire basic knowledge and skills related to length measurement units
2	Will be able to acquire basic knowledge and skills related to fractions
3	Will be able to acquire basic knowledge and skills related to decimal notation
4	Will be able to acquire basic knowledge and skills related to the relationship between two quantities: ratio
5	Will be able to acquire basic knowledge and skills related to percentages
6	Will be able to acquire basic knowledge and skills related to types of paper used in graphic printing

Sustainable Development Goals

✓ Quality Education ✓ Partnerships for Purposes

Course Theme

✓ Economics, Finance and Management ✓ Data Science

AKTS Workload

Activity	Duration (Hour)	Count	Workload
Teorik Derse Katılım	2.00	14	28
Sınıf Dışı Çalışma (Ön Hazırlık & Pekiştirme Amaçlı)	1.00	14	14
Ödevler	2.00	14	28
Proje - Rapor - Sunum Hazırlama	0.00	0	0
Ara Sınav Hazırlığı (sınav süresi dahil)	1.00	3	3
Final Sınavı Hazırlığı (sınav süresi dahil)	1.00	3	3
Uygulama (Laboratuvar, Müzik/Enstrüman Uygulaması, Atölye/Saha Çalışması vb.)	0.00	0	0
Staj Uygulaması	0.00	0	0
		Calculated ECTS	**3.0**

Assessment Method and Passing Requirements

✓ Open-Ended Test ✓ Self Assessment ✓ Peer Assessment ✓ Concept Maps