Course Syllabus

Code - Course Title	**MAT232 - Analysis II**
Course Type	IV. SEMESTER
Laboratory + Practice	4+2
ECTS	**10.0**
Language of Instruction	Türkçe
Course Type	Required Courses
Course Instructor(s)	DR. ÖĞR. ÜYESİ GÜNER ILICAN, DR. ÖĞR. ÜYESİ GONCA İNCEOĞLU, PROF. DR. TANGÜL KABAEL

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	Stewart, J. (1991). Calculus. California: A Division of Publishing Company.
Work Placement	N/A

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1			
Week - 2			
Week - 3		limit of two variable functions.	
Week - 4			
Week - 5		Partial derivative	
Week - 6		Partial derivative	
Week - 7		Tangent plane and differantial of two variable function.	
Week - 8			
Week - 9			
Week - 10			
Week - 11			
Week - 12		Coordinat transformations	
Week - 13		Coordinat transformations, and area calculations.	

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 14		Coordinat transformations, and volume calculations.	

Learning Outcomes

#	Learning Outcome
1	explain the concept of multi variable function.
2	interpret two variable function geometricaly.
3	explain the concepts of limit and continuity of two variable function.
4	interprate the concepts of limit and continuity of two variable function.
5	make calculations about limit and continuity.
6	make derivation calculations of multi-variable functions.
7	explain the concept od double integral.
8	make calculate double integrals.

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 (%)

Assessment Method and Passing Requirements	Quamtity	Percentage (%)
1.Midterm Exam	1	40
Final Exam	1	60
	Sum (%)	**100**