Course Syllabus

Code - Course Title	**FİN303 - Financial Mathematics**
Course Type	IV. SEMESTER
Laboratory + Practice	3+0
ECTS	**5.0**
Language of Instruction	Türkçe
Course Type	Required Courses
Course Instructor(s)	PROF. DR. METİN ÇOŞKUN, ARAŞ. GÖR. DR. AYKUT YAKAR

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	There is no recommended optional programme component for this course.
Work Placement	N/A

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Description and importance of interest	
Week - 2		Calculation of simple interest	
Week - 3		Discount calculation related to external discount method	
Week - 4		Discount calculation related to internal discount method	
Week - 5		Equivalent notes, simple interest application	
Week - 6		Calculation of compound interest	
Week - 7		Calculation of compound interest	
Week - 8		Calculation of annuities	
Week - 9		Annuities application	
Week - 10		Debt depreciation	
Week - 11		Debt depreciation	
Week - 12		Evaluation of bonds	
Week - 13		Evaluation of stocks	
Week - 14		Evaluation of stocks	

Learning Outcomes

#	Learning Outcome
1	should be able to know definitions of key terms of financial mathematics: inflation, rates of interest [simple and compound interest and simple discount, real, nominal, effective interest rates]
2	be able to calculate present value, future value of money.
3	be able to calculate the loan amount or outstanding loan balance, given a set of loan payments.
4	be able to calculate the value of a stock.

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.