Course Syllabus

Code - Course Title	**İKT378 - Economic Forecasting**
Course Type	VI. SEMESTER
Laboratory + Practice	2+0
ECTS	**5.0**
Language of Instruction	İngilizce
Course Type	Area Elective Courses
Course Instructor(s)	PROF. DR. HASAN MURAT ERTUĞRUL

Mode of Delivery	Face to face
Prerequisites	No prerequisite or co-requisite is needed for the course.
Courses Recomended	Mathematics, Statistical methods, Econometrics 1, Econometrics 2
Recommended Resources	Diebold, F. (2006). Elements of forecasting. Cengage Learning.
Work Placement	N/A

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Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Introduction to Forecasting	
Week - 2		Probability	
Week - 3		Basic Factors to Successful Forecasting	
Week - 4		Statistical Graphics for Forecasting	
Week - 5		Modeling and Forecasting Trend	
Week - 6		Modeling and Forecasting Seasonality	
Week - 7		Modeling Cycles	
Week - 8		MA, AR and ARMA Models	
Week - 9		Forecasting Cycles	
Week - 10		Forecasting with Regression Models	
Week - 11		ARIMA Forecasting Models	
Week - 12		Applied Work	
Week - 13		Applied Work	
Week - 14		Applied Work	

Learning Outcomes

#	Learning Outcome
1	Learning modeling basics for running various forecasting methods

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.