Course Syllabus

Code - Course Title	**İKT633 - Advanced Econometric Techniques**
Course Type	I. SEMESTER
Laboratory + Practice	3+0
ECTS	**7.5**
Language of Instruction	Türkçe
Course Type	Elective Courses
Course Instructor(s)	PROF. DR. ERKAN ÖZATA

Mode of Delivery	face to face
Prerequisites	Completion of MA level econometrics.
Courses Recomended	Econometric Analysis, Calculus and Mathematical Statistics
Recommended Resources	Willim Green, Econometric Analysis, Seventh edition, Pearson, 2012. Enders, Walter, Applied Econometric Time Series, 3rd ed., Wiley, 2009.
Work Placement	No

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Models for Discrete Choice	
Week - 2		Models for Discrete Choice-cont	
Week - 3		Models with Lagged Variables	
Week - 4		Models with Lagged Variables-cont.	
Week - 5		Univariate Time Series Topics	
Week - 6		Univariate Time Series Topics-cont	
Week - 7		Multivariate time series topics	
Week - 8		Multivariate time series topics-cont.	
Week - 9		Simple Panel Data Methods	
Week - 10		Simple Panel Data Methods-cont.	
Week - 11		Advanced Panel Data Methods	
Week - 12		Advanced Panel Data Methods-cont.	
Week - 13		Bayesian Estimation and Infrence	

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Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 14		Batesian Estimation and infrence	

Learning Outcomes

#	Learning Outcome
1	This is the second course in the graduate econometrics sequence. The course will extend the topics covered in the first course and will cover topics such as Limited Dependent Variable and Duration Models, Univariate Time Series Topics and Multivariate time series topics, and Advanced Panel Data 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.