Course Syllabus

Code - Course Title	**İKT325U - Econometrics I**
Course Type	V. SEMESTER
Laboratory + Practice	0+0
ECTS	**7.0**
Language of Instruction	İngilizce
Course Type	Required Courses
Course Instructor(s)	Prof. Dr. Erkan Özata

Mode of Delivery	Distance Learning
Prerequisites	There are no Prerequisites and co-requisites for this course
Courses Recomended	It is recommended that students who will take this course take the Statistics course.
Recommended Resources	Econometrics I (Editors: Erkan Özata, Sıdıka Başçı)
Work Placement	There is no compulsory internship or practice required by this course.

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		The Nature and Scope of Econometrics and Economic Data	
Week - 2		The Methodology of Econometrics	
Week - 3		Estimation of Simple Regression Models	
Week - 4		The Method of Ordinary Least Squares	
Week - 5		Estimation of Multiple Regression Models	
Week - 6		Goodness-of Fit in Multiple Regression	
Week - 7		Inference for Regression Analysis	
Week - 8		Testing Hypothesis About Individual Regression Coefficients	
Week - 9		Examining the Joint Effects of Multiple Linear Restrictions and Overall Significance of the Sample Regression	
Week - 10		Dummy Variable Regression Model	
Week - 11		Qualitative Response Regression Models	
Week - 12		Types of Specification Errors	
Week - 13		Mechanical Choice Methods of Model Selection	

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 14		Some Applications of Model Selection	

Learning Outcomes

#	Learning Outcome
1	Explain Regression Analysis and Model Estimation
2	Develop and Estimate Multiple Regression Models using Ordinary Least Squares (OLS)
3	Explain Inference for Regression Analysis
4	Explain Dummy Variable Regression Model
5	Explain Qualitative Response Regression Models
6	Explain the Significance of Choosing the Right Model for Making Economic Decisions
7	Apply Different Model Selection Techniques

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 (%)
1.Midterm Exam	1	30

Assessment Method and Passing Requirements	Quamtity	Percentage (%)
Final Exam	1	70
	Sum (%)	**100**