Course Syllabus

Code - Course Title	**İKT632 - Applied Panel Data Econometrics**
Course Type	II. SEMESTER
Laboratory + Practice	3+0
ECTS	**7.5**
Language of Instruction	Türkçe
Course Type	Elective Courses
Course Instructor(s)	PROF. DR. HASAN MURAT ERTUĞRUL

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.
Recommended Resources	Amemiya, Takeshi. (1985). Advanced Econometrics. Cambridge, MA: Harvard University Press.Baltagi, B.H. (2001). Econometric Analysis of Panel Data, 2nd ed., Wiley.
Work Placement	N/A

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Introduction of The Course	
Week - 2		Basic concepts	
Week - 3		Stata'ya Giriş	
Week - 4		Writng the research proposal	
Week - 5		Choosing an econometrik model	
Week - 6		Estimation in Stata with Panel Data	
Week - 7		Simple Regression Analysis and Multiple Regression Analysis	
Week - 8		Practice about Simple Regression Analysis and Multiple Regression Analysis	
Week - 9		Panel Data Analysis	
Week - 10		Fixed and Random Effect analysis in Stata	
Week - 11		estimaiton, testing, and interpretation in Stata with Panel Data	
Week - 12		Dynamic Panel Data Analysis	
Week - 13		Presentation of the results, interpretations and proposels.	

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 14		Scientific research and ethic	

Learning Outcomes

#	Learning Outcome
1	recognize functions and basic characteristics of scientific method and science.
2	explain basic characteristics of scientific method.
3	recognize specifications of items which is in inner part of scientific researches.
4	recognize the characteristics of items which is in method part in scientific researches.
5	explain specifications of data and measurement items in scientific researches.
6	recognize data collection techniques in scientific research.
7	explain how summary, judgment, proposal and findings will be presented in scientific research.
8	explain relation between scientific research and ethic.

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.