Course Syllabus

Code - Course Title	**FİN615 - Applied Modelling in Businesses**
Course Type	I. SEMESTER
Laboratory + Practice	3+0
ECTS	**7.5**
Language of Instruction	Türkçe
Course Type	Elective Courses
Course Instructor(s)	PROF. DR. YILMAZ KILIÇASLAN

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	Wooldridge, J.M. (2000). Introductory Econometrics: A Modern Approach. South-Western. Wooldridge, J.M. (2002). Econometric Analysis of Cross-Section and Panel Data. MIT Press.Baltagi, B.H. (2001). Econometric Analysis of Panel Data, 2nd ed., Wiley. Greene, William H. (2003). Econometric Analysis. Fifth ed. Prentice Hall. Gujarati, D. N. (2002), Basic Econometrics, 4th Ed., McGraw-Hill Inc., New York.Alan C. Acock (2008) A Gentle Introduction to Stata, 2nd Ed., Stata Pres.Publishing Co: USA.
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	

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Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 12		Dynamic Panel Data Analysis	
Week - 13		Presentation of the results, interpretations and proposels.	
Week - 14		Scientific research and ethic	

Learning Outcomes

#	Learning Outcome
1	will be able to define the main concepts in economic modeling, understand the nature of economic model building, carry out independent research and use STATA.
2	explain basic characteristics of scientific method.
3	recognize specifications of items which is in inner part of scientific researches.
4	will be able understand and apply linear regression model
5	recognize data collection techniques in scientific research.
6	explain how summary, judgment, proposal and findings will be presented in scientific research.
7	will be able understand and apply linear regression model
8	will be able to analyse and apply Models with qualitative and limited dependent variables
9	will be able to carry out analysis with Panel Data

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.