



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Econometric Models							
Course Code		EKO602		Course Level		Third Cycle (Doctorate Degree)			
ECTS Credit	5	Workload	120 ( <i>Hours</i> )	Theory	3	Practice	0	Laboratory	0
Objectives of the Course		The aim of the course is to have students create models using advanced econometric techniques.							
Course Content		Panel data models and simultaneous equations.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation)					
Name of Lecturer(s)									

### Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	60

### Recommended or Required Reading

1	Gujurati D., Basic econometrics, 2003. Wooldridge J., Introductory econometrics, 2009. Stock J., Introduction to econometrics, 2007.
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Week	Weekly Detailed Course Contents	
1	Theoretical	Simultaneous equation models
2	Theoretical	Simultaneous equation methods
3	Theoretical	Interiority and exteriority
4	Theoretical	Restricted OLS methods
5	Theoretical	Two stage least squares method
6	Theoretical	Indirect least squares method
7	Theoretical	Restricted information maximum likelihood method
8	Theoretical	Restricted information maximum likelihood method
9	Theoretical	Method of instrumental variables
10	Theoretical	Full information maximum likelihood method
11	Theoretical	A three-stage least squares method
12	Theoretical	Panel model
13	Theoretical	Fixed-effects models - Random ETK model
14	Theoretical	Instrumental variable tests

### Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	3	3	84
Midterm Examination	1	10	3	13
Final Examination	1	20	3	23
Total Workload (Hours)				120
[Total Workload (Hours) / 25*] = ECTS				5

\*25 hour workload is accepted as 1 ECTS

### Learning Outcomes

1	To interpret, evaluate, and discuss the different ideas and theoretical approaches, in relation to the given scope of education disciplines
2	o have the adequate level of knowledge
3	Making and sharing of analysis results provided by a scientific evaluation. To test the validity of the analysis.to be ensured. Ensure a correct interpretation of the results obtained.
4	Can make an interdisciplinary connection over the course subjects



5	Can make an analysis about subjects and can comment on economy
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**Programme Outcomes (Economics Doctorate)**

1	A student who graduated from the Ph.D. program in Economics is a selected area of ??the economy achieves the title of doctor in this field by writing a thesis.
2	Economics doctoral graduates of public and private universities, especially as a faculty member or teaching assistant can be employed.
3	Completed his Ph.D. in Economics is a powerful analysis of macro and microeconomic issues are capable of
4	Graduates of this program by examining Turkey's economic policies and what policies they have important positions in determining which state is active.
5	Those with a doctoral degree in this program in Turkey educate themselves about financial markets and international financial markets.
6	Graduates of this program of economic thought, but to succeed in the examination of systems and influences of today's economic policies.
7	As a graduate of this program, doctoral students as knowledgeable about Turkey-EU economic relations and writing a dissertation on this subject, have an opportunity to make research
8	Development with the completion of the PhD program, students from the regions of Turkey are more successful in addressing social and economic diversity
9	Graduates of this program, entering the market as a doctor in the new economy, skilled labor force to examine the role of change dynamics and the state are described as new.
10	Graduates of this program to increase the development of knowledge and technology in Turkey by examining the actions will have information about the reflections of the economy.
11	Doctoral program in economics from the financial crisis is a challenge in assessing the student attended conferences in Turkey and become familiar with his academic studies.
12	Graduates of this program will also have information on monitoring Turkey's economic history.
13	Graduates of this program to completing his doctorate of economics as individuals who are trained in their own mediums are represented in the labor market.

**Contribution of Learning Outcomes to Programme Outcomes 1:Very Low, 2:Low, 3:Medium, 4:High, 5:Very High**

	L1	L2	L3	L4	L5
P1	4	4	4	4	4
P2	4	4	4	4	4
P3	4	4	4	4	4
P4	4	4	4	4	4
P5	4	4	4	4	4
P6	4	4	4	4	4
P7	4	4	4	4	4
P8	4	4	4	4	4
P9	4	4	4	4	4
P10	4	4	4	4	4
P11	4	4	4	4	4
P12	4	4	4	4	4
P13	4	4	4	4	4

