AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Panel Data Econometrics						
Course Code	MYL621		Couse Level	Third Cycle (Doctorate Degree)			
ECTS Credit	5	Workload	130 *(Hours)*	Theory	3	Practice	0	Laboratory	0
Objectives of the Course	The aim of this course is to examine the panel data analysis methods used in economics both in theory and in practice.						
Course Content	Panel data methods, fixed effects, random effects, Logit, Probit models						
Work Placement	N/A						
Planned Learning Activities and Teaching Methods		Explanation (Presentation), Discussion, Case Study					
Name of Lecturer(s)							

Assessment Methods and Criteria

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

Recommended or Required Reading

1	Temel Ekonometri/ Damodar N. Gujarati & Dawn C. Porter

Week	Weekly Detailed Course Contents	
1	Theoretical	Information about this courses
2	Theoretical	Panel data models
3	Theoretical	linear panel data models; fixed effect and random effect
4	Theoretical	Fixed effect in Stata
5	Theoretical	Random effect in stata
6	Theoretical	Practice for mid-term exam
7	Intermediate Exam	mid term exam
8	Theoretical	Evaluation of exam results
9	Theoretical	Unit root test in panel data
10	Theoretical	Unit root tests in stata
11	Theoretical	Unit root tests in stata-II
12	Theoretical	Logit models
13	Theoretical	Probit model
14	Theoretical	Logit and probit models in Stata
15	Theoretical	Panel model exercises in Stata
16	Final Exam	Final exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	4	3	98
Midterm Examination	1	10	1	11
Final Examination	1	20	1	21
			Total Workload (Hours)	130
			[Total Workload (Hours) / 25*] = **ECTS**	5

25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	
2	
3	
4	

5	

Programme Outcomes *(Finance Doctorate)*

1	Analyze the functioning of modern public finance
2	Identify the types of public needs and the mechanisms of their financing
3	Argue the theoretical basis of public expenditures and to analyze their types and economic effects
4	Classify public revenues and integrate them into the fiscal and tax system
5	Classify public revenues and expenditures through the budget and to analyze the instruments and objectives of budgetary policy

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	3	4	3	5	4
P2	4	4	4	5	3
P3	3	3	4	4	4
P4	4	3	3	4	5
P5	3	4	3	3	3