AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Basic Econometrics								
Course Code	MHY513		Couse Level		Second Cycle (Master's Degree)				
ECTS Credit	5	Workload	125 *(Hours)*	Theory	3	Practice	0	Laboratory	0
Objectives of the Course	To gain the ability to use tools such as correlation and regression.								
Course Content	Correlation analysis, simple and multiple regression analysis, individual and group significance test, determination coefficient , specification and functional structure and dummy variables.								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Demonstration, Individual 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	EKONOMETRİ I (2000), Şahin AKKAYA-M.Vedat PAZARLIOĞLU, Anadolu Matbaacılık, İzmir
2	Ekonometri (2006), Recep TARI, Avcı Ofset, İstanbul

Week	Weekly Detailed Course Contents	
1	Theoretical	Ekonometrinin Amacı, Konusu ve Ekonometrik Bir Araştırmada Takip edilen Aşamalar
2	Theoretical	Simple Linear Regression Model(Bivariate Regression Model)
3	Theoretical	Least Square Regression Model and its assumptions
4	Theoretical	Hypothesis Tests, Regression and Analysis of Variance
5	Theoretical	Hipotez testleri, Regresyon ve Varyans Analizi
6	Theoretical	Topics with Bivariate Regression Models
7	Theoretical	The Other Tests for econometrics models with one equation, selection of models criteria
8	Intermediate Exam	Mid-term exam
9	Theoretical	Distribtions for Normality and Normality tests, Multicollineartity, meaning of Multicollineartity, Estimations of Least Square Regression in case Multicollineartity, consequences after Multicollineartity, detected and remove Multicollineartity
10	Theoretical	Distribtions for Normality and Normality tests, Multicollineartity, meaning of Multicollineartity, Estimations of Least Square Regression in case Multicollineartity, consequences after Multicollineartity, detected and remove Multicollineartity
11	Theoretical	Heteroscedasticity, meaning of Heteroscedasticity, Estimations of Least Square Regression in case Heteroscedasticity, consequences after Heteroscedasticity
12	Theoretical	Detected and remove Heteroscedasticity
13	Theoretical	Autocorrelation, meaning of Autocorrelation, Estimations of Least Square Regression in case Autocorrelation, consequences after Autocorrelation
14	Theoretical	Autocorrelation, meaning of Autocorrelation, Estimations of Least Square Regression in case Autocorrelation, consequences after Autocorrelation
15	Theoretical	Autocorrelation, meaning of Autocorrelation, Estimations of Least Square Regression in case Autocorrelation, consequences after Autocorrelation
16	Final Exam	Final Exam

Workload Calculation				
Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	3	3	84
Assignment	2	5	2	14

Individual Work	3	1	1	6
Midterm Examination	1	8	1	9
Final Examination	1	10	2	12
			Total Workload (Hours)	125
			[Total Workload (Hours) / 25*] = **ECTS**	5
**25 hour workload is accepted as 1 ECTS*				

Learning Outcomes	
1	To be able to understand the difference between time series and cross-sectional data
2	To be able to define the purposes of econometrics model
3	To be able to choose model as reasonable econometrics method
4	To be able to analysis assumptions of econometrics model
5	Explains the logic of a statistical test.

Programme Outcomes *(Public Finance and Tax Applications Masters)*	
1	To be able to learn the basic concepts in economic and public finance theories, and learn to correlate with basic economic problems and ratiocination
2	To be able to gain a basic knowledge of public finance, fiscal policy, government budgeting, tax theory and practice
3	To be able to comment and evaluate about public expenditure usages, public revenues and public borrowing
4	To be able to evaluate and analyze economic data with regard to fiscal policy usage
5	To be able to gain knowledge particularly in the areas of professional expertise in the public sector, public and private sector needs for the areas of economics, finance, law, accounting, tax, business knowledge
6	To be able to follow practical and theoretical innovations in the field of Finance, at a national and international level
7	To be able to offer and share alternative solutions in the field of public finance with awareness for lifelong learning and critical thinking
8	To be able to present opinions as to current issues in public finance, to enhance them as well as to use them in interpreting events
9	To able to share theoretical and practical knowledge in the field of public finance and translate them into teamwork activities

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	5	4	4	5	3
P2	4	4	4	4	3
P3	5	4	5	5	3
P4	4	4	4	4	3
P5	4	4	4	4	5
P6	4	4	4	4	5
P7	4	4	3	4	4
P8	4	4	4	4	4
P9	4	3	4	4	5