



AYDIN ADNAN MENDERES UNIVERSITY
GRADUATE SCHOOL OF SOCIAL SCIENCES
LABOUR ECONOMICS
LABOR ECONOMICS AND INDUSTRIAL RELATIONS
LABOR ECONOMICS AND INDUSTRIAL RELATIONS MASTER
COURSE INFORMATION FORM

Course Title	Econometrics I								
Course Code	ÇEİ521	Course Level			Second Cycle (Master's Degree)				
ECTS Credit	5	Workload	122 (Hours)	Theory	3	Practice	0	Laboratory	0
Objectives of the Course	Teach the students basic information about the econometrics								
Course Content	Notion of econometrics Models, Introduction to Estimation Theory, Properties of the estimator, Estimation Methods (Least Squares Method of Momentr, Maximum Likelihood Method, Best Linear Unbiased Estimator), Simple Linear Regression, Basic Assumptins, Estimation of Parameters, t Test, T Test, Correlation Coefficient, Cofficient of Determation and Interval Estimation are studies in tis course.								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation)								
Name of Lecturer(s)									

Prerequisites & Co-requisites

Equivalent Course	EKO517
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Assessment Methods and Criteria

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

Recommended or Required Reading

1	Ekonometri, İsmet Göçer, Lider Yayınları, 2015
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Week	Weekly Detailed Course Contents	
1	Theoretical	Topics in Econometrics
2	Theoretical	History of Econometrics
3	Theoretical	Some Basic Rules of Mathematics and Statistics
4	Theoretical	Mathematical form of economic theory
5	Theoretical	Classical Linear Regression Model
6	Theoretical	Multi-Classical Linear Regression Model
7	Theoretical	Deviations from Classical Linear Regression Model
8	Intermediate Exam	Midterm examination
9	Theoretical	Some other topics related to Linear Regression
10	Theoretical	Repetition of Multivariate Linear Regression Model and Linear Hypothesis Testing
11	Theoretical	Deviations from Multivariate linear regression model
12	Theoretical	Structural Change and Dummy Variables
13	Theoretical	Repetition of some other topics related to the linear regression model
14	Theoretical	Multiple Equation Econometric Models, Introduction to modern time series analysis
15	Final Exam	Final examination

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	2	3	70
Midterm Examination	1	20	1	21
Final Examination	1	30	1	31
Total Workload (Hours)				122
[Total Workload (Hours) / 25*] = ECTS				5

*25 hour workload is accepted as 1 ECTS



Learning Outcomes

1	To apply theoretical and practical knowledge in business life.
2	To interpret and analyze economical concepts and thoughts by using scientific methods.
3	To take personal responsibility to solve unpredictable problems which are unpredictable and complex in practise.
4	To examine economical knowledge by critical approach and determine learning requirements.
5	To enlighten individuals and institutions and to gern ability to present these relevant units.

Programme Outcomes (*Labor Economics and Industrial Relations Master*)

1	Having theoretical information and ability to analyse working life with economic, social, psychological and legal dimensions and interpreting empirical results in the light of theoretical knowledge.
2	Using specialized theoretical and practical information in his/her professional life.
3	Identifying basic problems on labour relations, developing modelling and solving skills.Creating projects concerning these problems, participating in or conducting these projects.
4	Addressing the problems encountered in the field of labour relations using the methods of scientific research.
5	Acquiring scientific perspective by gaining research skills;thinking analytically, creating solutions based on facts, evidences and research results.
6	By interpreting current developments in the light of qualitative and quantitative data, presenting the results in written, verbal and visual ways systematically.
7	creating projects regarding to the problems, being a coordinator and taking the responsibility as a participant
8	Having the ability of developing the application plans, strategy and politics about labor markets and social policy and monitoring and evaluating the obtained results.
9	Having information about the conflicts of business and social security law and solutions.
10	Planning and applying the micro and macro level of human resource planning
11	Being capable of working in a team, expressing himself verbally and in writing correctly.
12	Being capable of professional ethics and sense of responsibility

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

