AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title		Data Analysis						
Course Code		EKO550		Couse Level		Second Cycle (Master's Degree)		
ECTS Credit	5	Workload	124 *(Hours)*	Theory	3	Practice	0	Laboratory	0
Objectives of the Course		Main objectives of this course are to introduce the skills that students will need for scientific information production methods which is one of the most significant requirements of the universities, and to develop the scientific research, research methods and techniques skills of students.						
Course Content		Research, science, scientific method concepts, research problems and hypotheses, research models, data collection tools, data analysis techniques, reporting and providing reference.						
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	Balcı, A. Sosyal Bilimlerde Araştırma Yöntem, Teknik ve İlkeler, PegemA Yayıncılık, Ankara, 2006.

Week	Weekly Detailed Course Contents	
1	Theoretical	Basic Concepts on Science and Research
2	Theoretical	Defining Research Problem and Developing Hypothesis
3	Theoretical	Causality
4	Theoretical	Conceptualizing, Operationalizing
6	Theoretical	Empirical Method
7	Theoretical	Descriptive Method
8	Intermediate Exam	Mid Terms
9	Theoretical	Content Analysis, Field Research
10	Theoretical	Logic of Sample Choice
11	Theoretical	Inferential Statistics: Parametric Tests I
12	Theoretical	Inferential Statistics: Parametric Tests II
13	Theoretical	Nonparametric Tests
14	Theoretical	Research Design and Statistic Test Choice
15	Final Exam	Final Exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	15	3	3	90
Midterm Examination	1	10	2	12
Final Examination	1	20	2	22
			Total Workload (Hours)	124
			[Total Workload (Hours) / 25*] = **ECTS**	5

25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	A graduate of the course knows and comprehends the methods to product scientific information.
2	A graduate of the course knows and applies defining a research problem and setting hypothesis.
3	A graduate of the course knows how to collect, analyse and reporting the data, and applies
4	Get in-depth understanding and interpretation on economic events

5	Can make an analysis about subjects and can comment on economy

Programme Outcomes *(Economics Master)*

1	To be able to bring up specialized economists with competent knowledge in the field of economics.
2	To be able to train Master of Economics graduates to be employed at public and private banks.education and research institutions.
3	To be able to complete a master's degree in Economics with the competence and ability to analyze macro and microeconomic issues.
4	To be able to examine Turkey's economic policies and determine what policies will be successful in determining the economic state.
5	To be able to give insight to self educate about financial markets and international financial markets.
6	To be able to succeed in the examining the economic thought ystems and their influences on the current economic policies.
7	To be able to educate students as those who are knowledgeable about Turkey-EU economic relations and equipped to interprete on the issue
8	To be able to assess the higher levels ofdevelopment gap between the regions of Turkey and to deal with those problems with the perspective of social and economic diversities. i
9	To be able to introduce the market with specialists in economics mastering the new dynamics of change in the economy and the new role of the state.
10	To be able to increase the development of knowledge and technology in Turkey by examining their reflections on the economy.
11	To be able to have knowledge and capacity to assess the financial crises in Turkey,
12	To be able to increase awareness about monitoring Turkey's economic history.
13	To be able to bring up specialists who can reach the data about the structure of the labor force and unemployment rates to make the data analysis with these data.

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