

**Course Profile - Department of Economics**

Course Number: ECO 562	Course Title : Research Methods for Applied Economics
Required / Elective : Required	Pre / Co-requisites : None
Catalog Description: Using research methods in economic decision making processes. Formulating the research question and hypotheses. Sampling, data collection and procedures using discipline specific resources. Experimental design, measurement and calibration. Incorporation of statistical methods into data analysis	Textbook / Required Material : Research Design, by J.W. Creswell Sage Publications 2008
Course Structure / Schedule : 3+0+0 / 6 ECTS	
<p>Extended Description : This course is designed to introduce applied research methods. These methods are diverse and range from qualitative to quantitative to mixed techniques. The primary goal of this course will be to introduce methods utilized in research but the focus of students should be on developing a research design useful to solving any research questions that may be encountered in future. Students will therefore be expected to identify a research question, develop a research agenda to answer the question, and present this agenda to their peers as part of the course</p> <p>Week</p> <p>1 The selection of research design</p> <p>2 Designing social inquiry</p> <p>3 Review of the Literature</p> <p>4 Use of Theory</p> <p>5 Writing Strategies and Ethical Considerations</p> <p>6 The Introduction (of proposal)</p> <p>7 The Purpose Statement</p> <p>8 Midterm exam week</p> <p>9 Research Question and Hypothesis</p> <p>10 Methods and Data Collection</p> <p>12 Descriptive Inference</p> <p>13 Wrapping up the research papers</p> <p>14 Scheduling final presentations and papers are due.</p>	
Design content : None	Computer usage: -
<p>Course Outcomes:</p> <p>By the end of this course, students will be able to:</p> <ol style="list-style-type: none"> <li>1. understand the purpose of research,</li> <li>2. be familiar with discipline specific resources and methodologies for conducting research,</li> </ol>	

3. develop critical thinking skills,
4. use and develop a research agenda,
5. organize and access information,
6. search and locate scholarly information,
7. understand responsibilities inherent in conduction and using information ethically,
8. incorporate research into your writing,
9. learn to cite research resources.

Recommended reading: Scholarly literature

Teaching methods

Lecture, in class discussions

Assessment methods:

Assignments: 15%

Midterms: 20 %

Presentation: 15%

Term Paper: 15%

Final Examination: 35%

#### Contribution of Course Learning Outcomes to Program Outcomes

	Program Outcomes	Level of Contribution*				
		1	2	3	4	5
1	To comprehend fundamental economic concepts, to be able to utilize those in main economic problems, avoid mistakes as employee, employer, consumer and citizen due to common misconceptions regarding fundamental economic concepts					
2	To comprehend growth, inflation, interest rates, foreign exchange rates, foreign investments and foreign trade in Turkish economy					
3	Acknowledging that there exist different schools of thought in the discipline of economics and appreciating, for example, that there may be differences of opinion about the role of the state in economic life					
4	Understanding the set/matrix of relations in the global world economy and the role of international organizations within these relation; and also analyzing the costs and benefits of mutual dependence among countries.					
5	Apprehending the professional and ethical responsibilities, recognizing the importance and implications of occupational security					x
6	Apply statistical methods, calculus and similar methods in data analysis, Comprehend problems on humanities and social sciences and make inferences on solutions					x
7	Recognize the diversity in cultures, belief systems and life styles, question information using logical induction and deduction					
8	Ability to model the equilibrium dynamics in markets, analyze, abstract, synthesize and interpret information					x
9	The ability to work, take initiative and lead in multidisciplinary teams					

10	Effective communication skills by using written, verbal and visual tools					x
11	The ability to recognize life long education and participate in it as a student as well as an educator					x
12	Preparing reports which evaluate the economy on sectoral and macro bases; assessing critically the publications related to the economy; being capable of identifying the dynamics of and following the developments in the market, stock exchange markets, exchange rate markets, supply and demand; collecting and analyzing data on different fields of economics and interpreting them using statistical and econometric techniques and required software programs; equipping with good skills of presenting the findings; efficient note taking; asking the necessary questions to achieve, utilize and transfer information.					x
13	Apprehending the role and importance of environment and environmental sustainability					
Level of Contribution* 1= Least 5 = Highest						

Student Workload/ECTS (European Credit Transfer System) Tableau:

Activity:	Number:	Total Workload (hour):
Assignments	10	15
Pre- reading	14	20
Lectures	14	45
Reading	14	30
Team work	1	15
Presentation preparation	1	20
Exams.	2	5
<b>TOTAL 150 hrs/25 = 6 ECTS</b>		

Prepared by : SR

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