

ECO101 COURSE CATALOG FORM

Course Code: ECO101				Course Name: Introduction to Economics-I			
Semester	Lc + T + L	Credit	ECTS	Language	Category	Instructional Methods	Pre Requisites
3	3+0+0	3	6	English	Core	Lecture	-
Course Objectives			It is aimed to introduce the description of economics, actors and then move onto different market structures in which these economic agents operate. This course satisfies the information content of microeconomic theory especially for students whose programs do not include advanced courses in economics.				
Course Content			Definitions of microeconomics and macroeconomics. Essentials of microeconomics. Operations of markets. Scarcity and resource allocation. Demand and supply analysis and elasticities. Market efficiency and welfare. Consumer and producer surplus. Cost analysis of firms. Perfect competition and imperfect competition. Monopoly, oligopoly and monopolistic competition. Externalities and internalities. Economics of factor markets.				
Course Learning Outcomes			<p>Students, who pass the course satisfactorily can:</p> <ol style="list-style-type: none"> 1. Have insights into the production, exchange and distribution problems inherent in an economy [3,10], 2. Explain key concepts of economics [3,10], 3. Use key concepts of economics in explaining current economical issues [3,10]. <p><i>[Note: Numbers in brackets are indicating the related program outcomes]</i></p>				
ISCED Category of the course			31 Social and Behavioral Sciences				
Textbook			Mankiw, N.G., <u>Principles of Economics</u> , Thomson South-West, (2012)				
Other References			Economy related sections of newspapers				

COURSE PLAN

Week	Topics	Laboratory/Tutorial Work
1	Introduction to micro and macro economics	
2	Interdependence and Gains from Trade	
3	Market Forces of Supply and Demand	
4	Elasticity and its Applications	
5	Supply, Demand	
6	Government policies	
7	Costs of production	
8	Costs of production	
9	Costs of Production	
10	Firms in Competitive Markets	
11	Monopoly	
12	Monopoly	
13	Oligopoly	
14	Monopolistic Competition	

COURSE ASSESSMENT

	Activities	Quantity	Contribution (%)
Semester Activities	Quizzes		
	Reports		
	Seminars		
	Homework		
	Presentations		

	Midterm Exams	1(min)	40
	Project		
	Other -Attendance		20
FINAL EXAM		1	40
Total			100

CONTRIBUTION of the COURSE on ELECTRICAL and ELECTRONICS ENGINEERING PROGRAM OUTCOMES

Contribution degree: 1-low, 2-medium, 3-high

	Electrical and Electronics Engineering Program Outcomes	1	2	3
1	A comprehension of mathematics (algebra, differential, integral and probability), science (physics and chemistry) and fundamentals of computer science (programming and simulation)			
2	Ability to apply knowledge of mathematics, science, and engineering to problems in electrical and electronics engineering			
3	Ability to recognize the needs and challenges of our age, and to assess the global and social impacts of engineering solutions			X
4	Comprehension of professional and ethical responsibility			
5	Ability to design and conduct experiments, as well as to analyze and interpret data			
6	Ability to identify, formulate and solve engineering problems			
7	Ability to design and integrate electronic system components to satisfy given requirements			
8	Ability to take individual responsibilities and to work as part of a team			
9	Ability to effectively communicate knowledge and opinions via written, oral and visual means			
10	Ability to recognize the need for, and be motivated to engage in life-long learning			X
11	Ability to use the hardware and software based modeling, simulation, design and communication tools necessary for engineering practice			

ECTS - WORK LOAD TABLE

ACTIVITIES	Quantity	Time (h)	Work Load
Lectures	14	3	42
Final Exam (Preparation included)	1	15	15
Quizzes			
Term Project			
Reports			
Graduation Project			
Seminars			
Out class working time	14	5	70
Homework			
Presentations			
Midterm Exams (Preparation included)	2	10	20
Projects			
Laboratory Work			
Total Work Load			147
ECTS Credits of the course (Total Work Load / 25)			8

Revision / Date	Coordinator / Prepared by	Approved by
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