



ECTS COURSE INFORMATION FORM

School/Faculty/Institute	Faculty of Economics, Administrative, and Social Sciences		
Program	B.A. in Economics		Required

Course Code	ECON 401		
Course Title in English	Industrial Organization		
Course Title in Turkish	Sanayi İktisadı		
Language of Instruction	English		
Type of Course	Lecture (Flipped Classroom)		
Level of Course	Undergraduate Introductory		
Semester	Spring		
Contact Hours per Week	Lecture: 3	Recitation: 0	Lab: 0.5 Other: 0
Estimated Student Workload	131 hours per semester.		
Number of Credits	5 ECTS		
Grading Mode	Standard letter grade		
Pre-requisites	None		
Expected Prior Knowledge	None		
Co-requisites	None		
Registration Restrictions	Only Undergraduate Students		
Overall Educational Objective	To learn the different market structures and how to analyze the relationship between strategic behavior and market structure.		
Course Description	The course offers micro-economic and game-theoretic analyses of market structure and performance of industries starting with the analysis of a wide variety of noncompetitive market structures (such as the monopoly, various types of oligopolies competing according to Cournot, Bertrand, sequential moves, and location) in markets for homogeneous and differentiated products. The course proceeds with the analysis of entry barriers, entry deterrence and mergers.		
Course Description in Turkish	Bu ders, mikroekonomi ve oyun teorisi yardımıyla piyasa yapılarının ve sanayi performansının analizini, homojen ve heterojen mal piyasalarında oluşabilecek tam rekabetçi olmayan geniş bir piyasa yapısı çeşidinin (monopol, Cournot, Bertrand, sıralı karar alma ve yer belirlemeye göre rekabet eden çeşitli oligopol türleri) analizinden başlayarak sunmaktadır. Ders giriş engelleri ve birleşmelerle tamamlanır.		
Course Learning Outcomes and Competences	Upon successful completion of the course, the learner is expected to be able to: 1. demonstrate a strategic approach to the market; 2. analyze the behavior of agents in markets; 3. formulate technically market structures.		

Relation to Program Outcomes and Competences: N=None S=Supportive H=Highly Related H		
Program Outcomes and Competences	Level	Assessed by
	N/S/H	Exam, Project, HW, Lab, Presentation, etc.
1. Has a broad understanding of economics with a deep exposure to other social sciences and mathematics.	H	Exam, Participation
2. Demonstrates knowledge and skills in understanding the interactions of different areas of economics.	S	Laboratory, Participation
3. Displays a sound comprehension of microeconomic and macroeconomic theory.	H	Exam, Participation
4. Applies economic concepts to solve complex problems and enhance decision-making capability.	H	Exam, Assignment
5. Uses quantitative techniques to analyze different economic systems.	N	
6. Applies theoretical knowledge to analyze issues regarding Turkish and global economies.	S	Assignment, Participation
7. Demonstrates proficiency in statistical tools and mainstream software programs to process and evaluate economic data.	N	
8. Behaves according to scientific and ethical values at all stages of economic analysis: data collection, interpretation and dissemination of findings.	N	
9. Uses written and spoken English effectively (at least CEFR B2 level) to exchange scientific information.	S	Assignment, Participation
10. Exhibits individual and professional ethical behavior and social responsibility.	N	
11. Displays learning skills necessary for further study with a high degree of autonomy	H	Assignment, Participation
Prepared by and Date	Associate Prof. Dr. Bilge Öztürk Göktuna, 11.06.2018	
Semester	Fall 2018-2019	
Name of Instructor	Associate Prof. Dr. Bilge Öztürk Göktuna	
Course Contents	Week	Topic
	1.	Technology, cost of production and demand Perfect competition
	2.	Monopoly: monopoly and welfare, price discrimination and cartel
	3.	Monopoly and durable goods
	4.	Homogeneous goods: imperfect competition, Cournot and Bertrand competition, comparison, Stackelberg
	5.	Homogeneous goods: collusive behaviour
	6.	Heterogeneous goods: case of two differentiated goods, monopolistic competition
	7.	Review
	8.	Heterogeneous goods: location models
	9.	Concentration, merger, types of mergers
	10.	Horizontal and vertical mergers
	11.	Barriers of entry: natural barriers and strategic barriers

	12.	Barriers of entry: Bain
	13.	Barriers of entry: contestable markets
	14.	Applications
	15.	Final Examination Period
	16.	Final Examination Period
Required/ Recommended Readings	<p>Required Reading: Shy, Oz. Industrial Organization: Theory and Applications, The MIT Press, 1996 Greer, D. Industrial Organization and Public Policy, 3rd ed. MacMillan, 1992. Motta, M. Competition Policy. Cambridge University Press, 2004. Pepall, L., Richards, D., and Norman, G. Industrial Organization. Thomson South-Western, 1999. Tirole, J. The Theory of Industrial Organization. MIT Press, 1988. Waldman, D. & E. Jensen. Industrial Organization, 3rd edition. Pearson- Prentice Hall, 2007.</p>	
Teaching Methods	We expect students to conceive formally market structures using game theoretic models during the lectures and study these structures doing laboratory exercises and homeworks outside class.	
Homework and Projects	Theoretical and empirical exercises will be given as assignments.	
Laboratory Work	Yes	
Computer Use	Yes	
Other Activities		
Assessment Methods	<ul style="list-style-type: none"> • Midterm (30% of the total grade) • Final (40% of the final grade). • Participation (10% of the total grade) • Assignments (20% of the total grade) 	
Course Administration	<p>Bilge Öztürk Göktuna – goktunabilge@gmail.com More detailed information about the course, like office hours, can be found on the blackboard. Academic Dishonesty and Plagiarism: YOK Regulation</p>	

ECTS Student Workload Estimation	
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