



ÇANKAYA UNIVERSITY

Faculty of Economics and Administrative Sciences

Course Definition Form

Part I. Basic Course Information

Department Name	ECONOMICS	Dept. Numeric Code	3 1
Course Code	E C O N 4 1 1	Number of Weekly Lecture Hours	3
		Number of Weekly Lab/Tutorial Hours	0
Course Web Site	http:// econ411.cankaya.edu.tr	Number of Credit Hours	3
		ECTS Credit	0 5

Course Name and Other Course Information

This information will appear in the printed catalogs and on the web online catalog.

English Name	Industrial Organization
Turkish Name	Endüstriyel Organizasyon
Mode of Delivery	Face to face
Language of Instruction	English

Course Description

Provide a brief overview of what is covered during the semester. This information will appear in the printed catalogs and on the web online catalog.

Maximum 60 words.

Industrial organization is a branch of microeconomics that studies the functioning of markets, in particular markets with imperfect competition where firms act strategically. The topics to be covered in this field include, monopoly pricing and durable-good monopoly, price discrimination, monopolistic competition, vertical control, oligopoly models, collusion and price wars, repeated games, concentration and barriers to entry, strategies to deter entry, product differentiation, advertising, and research and development.

Prerequisites (if any) <i>Give course codes and check all that are applicable.</i>	1 st	2 nd	3 rd	4 th
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	<input type="checkbox"/> Consent of the Instructor		<input type="checkbox"/> Senior Standing	
	<input type="checkbox"/> Give others, if any 			
Co-requisites (if any)	1 st	2 nd	3 rd	4 th
	□ □ □ □ □ □ □ □	□ □ □ □ □ □ □ □	□ □ □ □ □ □ □ □	□ □ □ □ □ □ □ □
Course Type <i>Check all that are applicable</i>	<input type="checkbox"/> Must course for dept <input type="checkbox"/> Must course for other dept.(s) <input checked="" type="checkbox"/> Elective course for dept. <input type="checkbox"/> Elective course for other dept.(s)			

Part II. Detailed Course Information**Course Objectives***Maximum 100 words.*

The aim of this course is to enhance the student's knowledge concerning the operation and performance of imperfectly competitive markets and the behavior of firms in these markets.

Learning Outcomes*Explain the learning outcomes of the course. Maximum 10 items.*

Upon successful completion of this course, students will be able to:

1. Understand and differentiate the different types of price discrimination.
2. Describe and differentiate different market structures under which firms operate, such as monopoly monopolistic competition and oligopoly.
3. Derive and illustrate the equilibrium outcomes of firms under different market structures.
4. Understand how different market structures impact the behavior of firms.
5. Utilize game theory to understand the strategic behavior of firms in the market.
6. Understand and analyze anti-competitive behavior of firms such entry deterrence and collusion.
7. Analyze the role of imperfectly competitive markets for firms' strategic decisions on product differentiation, advertising and research and development.
8. Use the knowledge from this course to explain observed features of particular markets and industries.

Textbook(s)*List the textbook(s), if any, and other related main course material.*

Author(s)	Title	Publisher	Publication Year	ISBN
Pepall, L., D. J. Richards and G. Norman	Industrial Organization: Contemporary Theory and Empirical Applications, 5th edition	John Wiley & Sons	2014	978-1118250303

Reference Books*List, if any, other reference books to be used as supplementary material.*

Author(s)	Title	Publisher	Publication Year	ISBN
Cabral, L.	Introduction to Industrial Organization, 2nd edition	The MIT Press	2017	978-0262035941
Shy, O.	Industrial Organization: Theory and Applications	The MIT Press	1996	978-0262691796
Waldman, D. E. and E. J. Jensen	Industrial Organization : Theory and Practice, 4th edition	Pearson Education	2013	978-0132770989
Lipczynski, J., J. Goddard, and J. O. S. Wilson	Industrial Organization: Competition, Strategy and Policy, 5th edition	Pearson Education	2017	978-1292121710

Teaching Policy*Explain how you will organize the course (lectures, laboratories, tutorials, studio work, seminars, etc.)*

The teaching strategy will be mostly based on lectures and problem solving. Students are expected to participate in class discussions and are encouraged to ask questions and share their opinions. Instructor will hold regular office hours specifically to answer students' questions about the course material and assist them.

Laboratory/Studio Work*Give the number of laboratory/studio hours required per week, if any, to do supervised laboratory/studio work and list the names of the laboratories/studios in which these sessions will be conducted.*

NA

Computer Usage*Briefly describe the computer usage and the hardware/software requirements for the course.*

NA

Course Outline <i>List the weekly topics to be covered.</i>	
Week	Topic(s)
1	Monopoly pricing and durable-good monopoly.
2	Price discrimination.
3	Monopolistic competition.
4	Vertical control.
5	Introduction to game theory.
6	Cournot and Bertrand models of oligopoly.
7	Midterm exam.
8	Dynamic games and first and second movers (Stackelberg model).
9	Collusion and price wars.
10	Repeated games.
11	Concentration and barriers to entry.
12	Strategies to deter entry.
13	Product differentiation.
14	Advertising; Research and development.

Grading Policy <i>List the assessment tools and their percentages that may give an idea about their relative importance to the end-of-semester grade.</i>								
Assessment Tool	Quantity	Percentage	Assessment Tool	Quantity	Percentage	Assessment Tool	Quantity	Percentage
Midterm Exam	2	50						
Final Exam	1	40						
Class Participation	1	10						

ECTS Workload <i>List all the activities considered under the ECTS.</i>			
Activity	Quantity	Duration (hours)	Total Workload (hours)
Attending Lectures (<i>weekly basis</i>)	14	3	42
Attending Labs/Recitations (<i>weekly basis</i>)	-	-	-
Compilation and finalization of course/lecture notes (<i>weekly basis</i>)	14	1	14
Collection and selection of relevant material (<i>once</i>)	1	1	1
Self-study of relevant material (<i>weekly basis</i>)	14	2	28
Take-home assignments	-	-	-
Preparation for quizzes	-	-	-
Preparation for mid-term exams (<i>including the duration of the exams</i>)	2	10	20
Preparation of term paper/case-study report (<i>including oral presentation</i>)	-	-	-
Preparation of term project/field study report (<i>including oral presentation</i>)	-	-	-
Preparation for final exam (<i>including the duration of the exam</i>)	1	20	20
TOTAL WORKLOAD / 25			125/25
ECTS Credit			5

Program Qualifications vs. Learning Outcomes Consider the program qualifications given below as determined in terms of learning outcomes and acquisition of capabilities for all the courses in the curriculum. Look at the learning outcomes of this course given above. Relate these two using the Likert Scale by marking with X in one of the five choices at the right.						
No	Program Qualifications	Contribution				
		0	1	2	3	4
1	To know the fundamental concepts in economics and associated social sciences, and relate these concepts to each other.					X
2	To know the quantitative and qualitative methods and computer skills necessary for testing hypotheses derived from economic theories for the purpose of contributing towards the solution of economic problems.				X	
3	To acquire the necessary knowledge for gathering and processing data, and for building up the scientific research capacity to guide economic policy.			X		
4	To specialize in some of the sub-disciplines of economics, and to gain interdisciplinary analytical skills by making connections between those sub-disciplines and other social sciences.			X		
5	To have the ability to question, interpret, and analyze the findings of economic studies.					X
6	To develop the ability to present in writing as a report and verbally as a presentation the knowledge acquired through education.		X			
7	To be able to work in teams, and when necessary to rise up to the challenge individually.				X	
8	To gain life-long learning and critical-thinking skills.					X
9	To be able to assess one's need for advanced study and to make plans accordingly by using the critical and analytical thinking skills gained during undergraduate studies.				X	
10	To gain the ability to use a language at least at the Level B1 of the European Language Portfolio to follow economic news and developments, and to communicate with colleagues.			X		
11	To maintain scientific, social, and ethical standards when collecting, interpreting, and disseminating economic information, and in application of economic ideas.					X
12	To be conscious of social and environmental needs.				X	
13	To develop an open-minded attitude towards new ideas and developments.					X
14	To relate the knowledge gained through education to the cultural and historical characteristics of the society.		X			

Scale for contribution to a qualification: 0-none, 1-little, 2-moderate, 3-considerable, 4-highest