

COURSE LAYOUT

1. GENERAL

SCHOOL	School of Applied Economics and Social Sciences		
DEPARTMENT	Department of Agricultural Economics and Development		
STUDY LEVEL	Undergraduate		
COURSE CODE	3420	ΕΞΑΜΗΝΟ ΣΠΟΥΔΩΝ	9 th
COURSE TITLE	Industrial Organization		
INSTRUCTOR	Chatzimichael Konstantinos		
INDEPENDENT TEACHING ACTIVITIES		WEEKLY TEACHING HOURS	ECTS
Lectures and applied problems		5	5
COURSE TYPE	Specialized general knowledge		
PREREQUISITES	None		
LANGUAGE	Greek		
IS THE COURSE OFFERED for ERASMUS STUDENTS?	No		
COURSE WEB PAGE	https://mediasrv.aua.gr/eclass/courses/AOA250/		

2. LEARNING OUTCOMES

Learning Outcomes
<p>The course examines the causes and consequences of firms' strategic behaviour under situations in which the assumptions of perfect competition do not hold. The principle objective of the course is to introduce students to the basic concepts of industrial organization and help them understand how industries function, and how firms interact within an industry. In addition, the course investigates: how firms acquire market power or the ability to affect the price of their product, the strategic behaviour of firms that possess market power, the outcomes of policy interventions in these markets, and topics relating to collusions and horizontal mergers. An equally important objective of the course is to introduce students to the basic concepts of game theory and to the basic microeconomics models used to analyze firms' strategic behavior in oligopolistic markets, so that students develop the ability to use well-known methodological tools to analyse oligopolistic markets and predict market outcomes.</p> <p>Upon successful completion of the course, the students are able to:</p> <ul style="list-style-type: none"> • understand the basic concepts and the central questions in the field of industrial organization. • understand how firms interact in non-competitive markets. • understand the basic concepts of game theory and the basic microeconomic models used in industrial organization. • use basic methodological tools of microeconomics to solve for the "equilibrium" in oligopolistic markets and markets with price discrimination. • develop the ability to use strategic thinking to predict market outcomes.

General Competences
<ul style="list-style-type: none"> • Decision-making • Working independently • Criticism and self-criticism • Production of free, creative and inductive thinking

3. COURSE CONTENT

<ol style="list-style-type: none"> 1. Basic concepts and central questions in industrial organization 2. Market failure 3. Price discrimination: non-linear pricing, auctions and negotiations 4. Games and strategies 5. Oligopoly: Bertrand model, Cournot model 6. Collusion and price wars 7. Entry costs and market structure 8. Horizontal mergers
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4. TEACHING AND LEARNING METHODS - EVALUATION

TEACHING METHOD	In class (face to face)	
USE OF INFORMATICS and COMMUNICATION TECHNOLOGIES	<ul style="list-style-type: none"> • Use of ICT in teaching, laboratory education, communication with students. • Use of eclass learning platform 	
TEACHING ORGANISATION	Activity	Work Load (hours)
	Lectures	52
	<i>Practical problems in the form of individual assignment</i>	14
	Self-study	59
	Σύνολο Μαθήματος (25 ώρες φόρτου εργασίας ανά πιστωτική μονάδα)	125
STUDENTS EVALUATION	I. Final written exam (100%) including: <ul style="list-style-type: none"> - multiple choice questions - problem solving 	

5. BIBLIOGRAPHY

<ul style="list-style-type: none"> - Cabral Luis, M.B. Industrial Organization, 2nd edition (2018). - Belleflamme Paul and Peitz Martin. Industrial Organization: Markets and Strategies, 1st edition (2016).
