

## Faculty of Economics and Political Science

## **Industrial Economics**

Information :						
Course Code	: ECO 409	Level	:	Undergraduate	Course Hours :	3.00- Hours
Department :	Department of Econor	nics				
Area Of Study	/:					
Area Of Study :   This course explains different types of markets and their structure (Perfect competition, oligopoly, monopolistic competition and monopoly). It focuses on price discrimination and its levels in linear and non-linear pricing models. Moreover, the course distinguishes between different oligopolistic theories such as the static games and Cournot model, Game theory model, Stackelberg model, limit pricing and entry deterrence, as well as collusions and cartels. It highlights the role of the Egyptian government in regulating the market, in addition to, the role of the Egyptian Competition Authority.   Course Goals: "Ánalyze for competition purposes and competing perspectives in industrial economic.   "Ánalysis of various aspects of strategic interaction between firms and the determinants of industrial structure."   "Ábiscuss the role of policy in the context of competition and industrial policies and regulation.						
competition a Moreover, the model, Game	xplains different types of nd monopoly). It focuses course distinguishes bet theory model, Stackelbe role of the Egyptian gove Authority.	on price discr tween differer rg model, limi	rimin nt ol it pri	nation and its levels i igopolistic theories si icing and entry deterr	n linear and non-linea uch as the static gam ence, as well as collu	ar pricing models. es and Cournot usions and cartels. It
Course outco	mes :					
a.Knowledge	and Understanding: :					
1 - I	ntroduce students to indu	strial organiza	atior	n and its related rules	i.	
2 - 0	Comprehend the different market structures.					
	Adopts theoretic approach to explaining interdependencies in monopoly and oligopolistic market structures					
4 - A	Apply microeconomic theories to analyze different industrial markets.					
5- L	Understand how theoretical tools are used to analyze real-world issues.					
b.Intellectual	Skills: :					
	ormulate the basic detern	minants of ma	arke	t structure and the ke	y issues in competi	tion policy and
2 - E	Design different strategies	of the firms a	and	create recommendat	ion policies.	
c.Professiona	al and Practical Skills: :					



2 -	Use analytical skills required for understanding problems in industrial economics, including applications on theoretical frameworks.			
3 -	Practice economic models to solve problems relating to industrial economics.			
4 -	Examine the effect of investment on the decision of firms to integrate.			
5 -	Apply analytical models on firms' behavior and strategic interaction.			
d.General a	nd Transferable Skills: :			
1 -	Experience with conceptual frameworks effective for problem solving and decision making.			
2 -	Acquire analytical reasoning skills, numeric and clear effective communication skills.			

3 - Test the ability of students to work under pressure and as part of a team.

## Course Topic And Contents :

Торіс	No. of hours	Lecture	Tutorial / Practical
Introductory Lecture and Course Outline	3	1	
Industrial Organization (Chapter 2)	3	1	
Neoclassical Theory of the Firm (Chapter 3)	6	2	
Other Theories of the Firm (Chapter 4)	6	2	
Market Structure (Chapter 5)	3	1	
Midterm Exam		1	
Location and Industrial Development (Chapter 8)	3	1	
Pricing Behavior of Firms (Chapter 9)	3	1	
Non-price Strategies (Chapter 10)	3	1	
Performance of Firms(Chapter 12)	3	1	
Multinational Enterprises and Globalization (Chapter 14)	3	1	
Aspects of Industrial Policy (Chapter 15)	3	1	
Final Exam		1	

Teaching And Learning Methodologies :	
Presentation	
Group discussion	
Research Paper	

Course Assessment :
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Methods of assessment	Relative weight %	Week No	Assess What
Course Work (Attendance, Participation, Assignments, Quizzes, Research Paperõ D	30.00		To assess understanding and to assess theoretical background of the intellectual and practical skills.
Final Exam	40.00	15	To assess knowledge and intellectual skills.
Midterm Exam	30.00	8	To assess professional skills.



## **Recommended books :**

Bernadette Andreosso, and David Jacobson, Industrial Economics and Organization: A European Perspective, (2nd Ed.), McGraw-Hill Higher Education, New York, 2005