

Level 4

Semester 7

Course Specification

I. Basic Information

Course Code	HM 009	Course Name	Scientific Research Methodology		
Level/ semester	4 /1	Specialization	Economics		
Department Offering the Course	Economics				
Credit Hours	Credit Hours				
	Total Credit Hours	Theoretical		Tutorial	
		Laboratory			
	2	2			
	Contact Hours				
	Contact Hours	Theoretical		Tutorial	
		Laboratory			
2	2				
Course Prerequisite(s)					
Approval Date Of course Specification	10/ 2023				

II. Course Contents

The course is designed to provide students a solid foundation for designing and conducting their own research and to enable them to become knowledgeable individuals of prior academic research results. The course introduces scientific research methodology and techniques. The course covers the main issues related to research design; quantitative and qualitative research approaches and related methods; selected number of research techniques in social sciences. The course also provides training to students about how to prepare a research proposal prior to conducting their graduation project (dissertation).

III. Course Aims

Upon successful completion of the course the student will be able to:

- the importance of applying scientific methods, understanding basic concepts and methodologies, defining research problems, preparing project proposals, applying critical thinking, and improving writing skills.

IV. Program ILOs Covered by the Course

Program ILOs Covered by the Course			
Knowledge and Understanding	Intellectual Skills	Practical / Professional Skills	General and Transferable Skills
K6	I1, I2	P6, P14	G2, G3, G6, G10

V. Course Intended Learning Outcomes (ILOs)

The Intended Learning Outcomes (ILOs) are listed under four headings:

a. Knowledge and Understanding

On completing the course, the student should be able to:

- Define research and its fundamental concepts.
- Explain components of a research proposal
- Display comprehension of fundamental principles underlying research and its methodologies.
- Exhibit familiarity with the attributes of effective research and researchers, as well as the ethical considerations inherent in the research process.

b. Intellectual Skills

On completing the course, the student should be able to:

Cognitive skills of critical thinking, analysis, synthesis, including:

Students will use critical thinking and problem-solving skills in analyzing information.

b1- Recognize different components, categories, methodologies, and approaches utilized in academic research.

b2- Develop hypothesis and methodology for research.

c. Practical / Professional Skills

On completing the course, the student should be able to: Specifically, ability to:

c1- Develop an academic proposal and research paper.

c2- Employ academic methodologies to explore political, economic, social issues, or case studies.

d. General and Transferable Skills

On completing the course, the student should be able to:

d1 - Comprehend the procedure of acquiring methodological knowledge and technical expertise within the course topic.

d2 - Build self-assurance and acquire the ability to strive for solutions effectively.

d3 - Enhance proficiency in writing, oral communication, teamwork, and leadership capabilities.

VI. Course Contents Distribution

Weak.	Course Topics	Teaching Hours	
		Lec.	Tut.
1	Introduction: Overview of the Course Requirements & Syllabus	2	
2-3	Scientific Thinking	4	
4-5	Types of research	4	
6	Research Methods and Approaches	2	
7	Proposal Steps	2	
8	Mid Term exam		

9-11	Follow: Proposal Steps Writing research problem Research Hypothesis Literature Review	6	
12-13	Citations	4	
14	Final Presentation	2	
15	Final Exam		

VII. Course Matrix Content

Main Topic	Course ILOs Covered by Topic (By ILO Code)			
	K.U.	I.S	P.P.S.	G.T. S
Introduction: Overview of the Course Requirements & Syllabus	A1	B1		
Scientific Thinking	A1, a2	B1	C1,c2	D1
Types of research	A2	B1	C2	D1
Research Methods and Approaches	A2	B2	C2	D1
Proposal Steps Research Problem Research Hypothesis Literature Review	A1,a2, a3, a4	B1, b2	C1	D1, D2, D3
Citations	A1, a4	B1	C1	
<ul style="list-style-type: none"> K.U.: Knowledge and Understanding I.S: intellectual skills. P.P.S.: Practical / Professional Skills. G.T. S: General and Transferable Skills. 				

VIII. Teaching and Learning Methods

Teaching and Learning Methods	Selected Methods	Course ILOs			
		Knowledge and Understanding Skills	Intellectual Skills	Practical / Professional Skills	General and Transferable Skills
Interactive Lectures	√	√	√		√
Discussion	√	√	√		√
Brainstorming	√	√	√		√
Case study					
Problem Solving					
Self-Learning: workshops- Projects - Research – Reports – assignments – presentations	√	√	√	√	√
hybrid (Blended) education (if applied)					
Modeling – simulation – role play					
Demonstrations					
Practical (lab) / applications					
Asynchronous Learning (PDF, PowerPoint, Lecture videos)	√	√	√		

IX. Teaching and Learning Methods for special needs:

Academic Advising - additional Office Hours – concentrated Lecture – Asynchronous Learning.

X. Assessment Methods – ILOs Matrix

Assessment Methods		Course ILOs			
		Knowledge and understanding	Intellectual Skills	Practical / Professional Skills	General and Transferable Skills
Class Works	Individual and Group Assignments				
	Tasks and Reports	A2	B1, b2	C1, c2	D1, D2, d3
	Quizzes				
written	Mid term	A1, a2	B1		
	Final Exam	A1 – a4	B1, b2		

XI. Grade and weight of assessments

Assessment Methods		Time	Assessment Grades	Weight %
Class Work	Individual and Group Assignments	All over the semester		
	Participation (Tasks, project, Reports)		20	20%
	Lab Test			
	Presentation	All over the semester	10	10%
Mid-term		Week 8	20	20%
Sub-Total			50	50%
Final Exam			50	50%
Total			100	100%

XII. References

Course Notes	Lecture slides are available on the Students Learning Management System (Moodle).
Essential Textbooks	Saunders, M. Lewis, Ph. and Thornhill, A. (2009), Research Methods for Business Students, Pearson Education Ltd , 5 th ed.
Extra Recommended Books	
Online Web Sites	

XIII. Facilities required for teaching and learning

Facility	Lecture	Class	Lab	Admin
White Board	✓			
PC/Laptop	✓			
Data-Show	✓			
Laser Pointer				
Internet	✓			
Printer	✓			
Copier				
McGraw-Hill Connect				
Moodle	✓			
Zoom				
Software Packages				
Laboratories				

Course coordinator	Head of the Department
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<u>Signature:</u> Engy Raouf Abdelfatah	<u>Signature:</u> ALtakra ELsayed Hemaya
<u>Date:</u> 10/2023	<u>Date:</u> 10/2023

Course Specification

XIV. Basic Information

Course Code	ECO414	Course Name	Econometrics II																
Level/ semester	4 /1	Specialization	Economics																
Department Offering the Course	Economics																		
Credit Hours	<p style="text-align: center;"><i>Credit Hours</i></p> <table> <tr> <th>Total Credit Hours</th><th>Theoretical</th><th>Tutorial</th><th>Laboratory</th></tr> <tr> <td>3</td><td>3</td><td>1</td><td>-</td></tr> </table> <p style="text-align: center;"><i>Contact Hours</i></p> <table> <tr> <th>Contact Hours</th><th>Theoretical</th><th>Tutorial</th><th>Laboratory</th></tr> <tr> <td>4</td><td>3</td><td>1</td><td>-</td></tr> </table>			Total Credit Hours	Theoretical	Tutorial	Laboratory	3	3	1	-	Contact Hours	Theoretical	Tutorial	Laboratory	4	3	1	-
Total Credit Hours	Theoretical	Tutorial	Laboratory																
3	3	1	-																
Contact Hours	Theoretical	Tutorial	Laboratory																
4	3	1	-																
Course Prerequisite(s)	ECO 310																		
Approval Date Of course Specification	10/2023																		

XV. Course Contents

This course provides students with applied understanding for the linear and nonlinear regression models, Attention is also given to aspects of discrete choice models, simultaneous equations models and instrumental variables, and time-series models, the course also provides model such as ARMA, ARIMA, Trend, seasonality and other advanced time models. The course uses computer software package to run estimations.

XVI. Course Aims

Upon successful completion of the course the student will be able to:

- Understand more advanced econometric techniques needed for empirical analyses of time-series data for macro and financial modelling research.
- Develop, in critical evaluation, what is taught in econometrics textbooks.

XVII. Program ILOs Covered by the Course

Program ILOs Covered by the Course			
Knowledge and Understanding	Intellectual Skills	Practical / Professional Skills	General and Transferable Skills
K3, k5, k6, k9, k10, k11, k12	I1, I2, I4, I5, I6, I7	P3, P4, P6, P9, P10, P13	G4, G5, G6, G8

XVIII. Course Intended Learning Outcomes (ILOs)

The Intended Learning Outcomes (ILOs) are listed under four headings:

a. Knowledge and Understanding

On completing the course, the student should be able to:

- a1. Develop foundational understanding in introductory time series econometric analysis.
- a2. Identify advanced regression estimation techniques.
- a3. Discuss relationships among economic variables effectively.
- a4. Identify hypothesis tests and derive meaningful conclusions from the results.

b. Intellectual Skills

On completing the course, the student should be able to:

- b1. Evaluate different econometric models, considering their respective merits and limitations.
- b2. Assess the effectiveness and validity of employing econometric methods in analyzing economic time series data.
- b3. Develop quantitative economic models and apply econometric techniques to analyze economic data comprehensively.
- b4. Determine the appropriateness of specific econometric methods for a given dataset and research context.

c. Practical / Professional Skills

On completing the course, the student should be able to:

- c1. Display comprehension and differentiation between stationary and diverse forms of non-stationary time series through empirical analysis.
- c2. Apply effectively theoretical concepts and econometric techniques in the realms of microeconomics and macroeconomics.
- c3. Provide rationale for the utilization of linear models in the modeling of economic variables.

d. General and Transferable Skills

On completing the course, the student should be able to:

- d1. Attain proficiency in assessing evidence and hypotheses, communicating ideas clearly.
- d2. Engage in lifelong and self-learning.

XIX. Course Contents Distribution

Weak.	Course Topics	Teaching Hours	
		Lec.	Tut.
1-2	Knowledge of conducting regression models, the principles of estimation (Ordinary Least Squares, Generalized Least Squares)	6	2
3-4	Multiple regression and hypothesis testing: review and extensions.	6	2
5-6	Basic Tools in Time Series Analysis	6	2
7	AR models	3	1
8	Mid Term exam		
9	MA Models	3	1
10-11	Stationarity	6	2
12	Distributed Lag models	3	1
13	ARDL Models	3	1
14	Revision		
15-16	Final Exam		

XX. Course Matrix Content

Main Topic	Course ILOs Covered by Topic (By ILO Code)			
	K.U.	I.S	P.P.S.	G.T. S
Knowledge of conducting regression models, the principles of estimation (Ordinary Least Squares, Generalized Least Squares)	a2, a3	b3	c3	d2
Multiple regression and hypothesis testing: review and extensions.	a2, a3, a4	b3		d1,d2
Basic Tools in Time Series Analysis	a1	b1, b2	c2	
AR models	a1, a2	b2, b3	c2	
MA Models	a1, a2	b1, b2, b4	c2	
Stationarity	a1, a4	b3	c1	
Distributed Lag models	a2, a3	b2, b3	c2	d2
ARDL Models	a2, a3	b1, b2, b4	c2	d1, d2
<ul style="list-style-type: none"> K.U.: Knowledge and Understanding I.S: intellectual skills. P.P.S.: Practical / Professional Skills. G.T. S: General and Transferable Skills. 				

XXI. Teaching and Learning Methods

Teaching and Learning Methods	Selected Methods	Course ILOs			
		Knowledge and Understanding Skills	Intellectual Skills	Practical / Professional Skills	General and Transferable Skills
Interactive Lectures	√	√	√		√
Discussion	√	√	√		√
Brainstorming	√	√	√		√
Case study					
Problem Solving	√	√	√	√	√
Self-Learning: workshops- Projects - Research – Reports – assignments – presentations					
hybrid (Blended) education (if applied)					
Modeling – simulation – role play					
Demonstrations					
Practical (lab) / applications					
Asynchronous Learning (PDF, PowerPoint, Lecture videos)	√	√	√		

XXII. Teaching and Learning Methods for special needs:

Academic Advising - additional Office Hours – concentrated Lecture –
Asynchronous Learning.

XXIII. Assessment Methods – ILOs Matrix

Assessment Methods		Course ILOs			
		Knowledge and understanding	Intellectual Skills	Practical / Professional Skills	General and Transferable Skills
Class Works	Individual and Group Assignments		b2, b3, b4	c1, c2	
	Tasks and Reports				
	Quizzes	a1-a4	b1, b3	c1,c2	
written	Mid term	a1-a4	b1	c2	
	Final Exam	a1-a4	b1, b2, b3	c1, c2, c3	D1, d2

XXIV. Grade and weight of assessments

Assessment Methods		Time	Assessment Grades	Weight %
Class Work	Individual and Group Assignments	All over the semester		
	Participation (Tasks, project, Reports)		10	10%
	Lab Test			
	Quizzes	All over the semester	20	20%
Mid-term		Week 8	20	20%
Sub-Total			50	50%
Final Exam		15-16	50	50%
Total			100	100%

I. References

Course Notes	Lecture slides are available on the Students Learning Management System (Moodle).
Essential Textbooks	Gujarati, Damodar N., 1988, Basic Econometrics, Second Edition. New York: McGraw-Hill

Extra Recommended Books	Bruce E. (2017). "Time series econometrics for the 21st century". THE JOURNAL OF ECONOMIC EDUCATION.
Online Web Sites	https://users.ssc.wisc.edu/~bhansen/papers/jee.pdf

II. Facilities required for teaching and learning

Facility	Lecture	Class	Lab	Admin
White Board	✓	✓		
PC/Laptop	✓	✓		
Data-Show	✓	✓		
Laser Pointer				
Internet	✓	✓		
Printer				
Copier				
McGraw-Hill Connect				
Moodle	✓	✓		
Zoom				
Software Packages				
Laboratories				

Course coordinator	Head of the Department
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<u>Signature:</u> Engy Raouf Abdelfatah	<u>Signature:</u> ALTahra ELsayed Hemaya
<u>Date:</u> 10/2023	<u>Date:</u> 10/2023

Course Specification

XXV. Basic Information

Course Code	ECO415	Course Name	International Monetary and Financial System
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Level/ semester	4 /1	Specialization	Economics			
Department Offering the Course	Economics					
Credit Hours	Credit Hours					
	Total Credit Hours	Theoretical		Tutorial		Laboratory
		3		-		-
	Contact Hours	Contact Hours				
		Theoretical		Tutorial		Laboratory
		3		-		-
	Course Prerequisite(s)	ECO 204				
Approval Date Of course Specification	10/2023					

XXVI. Course Contents

This course helps the student to understand and analyze the developments of the international monetary system and the international financial institutions and agents. It also covers the IMF and its role, regulations, structure, and its impact on the international monetary system, the World Bank (WB) and other international financial development agencies, structure, regulations and its impact on the international fiscal level, the international agreements, and others. The course will also cover the role of the IMF and the WB in developing countries, with a study for the experience of Egypt with the IMF and the WB

XXVII. Course Aims

Upon successful completion of the course the student will be able to:

This course aims to provide students with an understanding of the international monetary system, financial institutions, and agreements, focusing on the roles and impacts of the IMF, World Bank, and other agencies. It also explores their influence on developing countries, including Egypt's experience with the IMF and World Bank.

XXVIII. Program ILOs Covered by the Course

Program ILOs Covered by the Course			
Knowledge and Understanding	Intellectual Skills	Practical / Professional Skills	General and Transferable Skills
K2, K7, K11, K12	I1, I5, I8, I9	P1,P6, P11	G1, G2, G3, G5, G6,G10, G11

XXIX. Course Intended Learning Outcomes (ILOs)

The Intended Learning Outcomes (ILOs) are listed under four headings:

a. Knowledge and Understanding

On completing the course, the student should be able to:

- a1. Demonstrate theories, principles, and concepts of International Monetary and Financial Systems and related fields.
- a2. Classify the International Monetary and Financial Systems institutions and agents.

b. Intellectual Skills

On completing the course, the student should be able to:

- b1. Analyze and evaluate alternative solutions related to the International Monetary and Financial crisis.
- b2. Compare between the roles, regulations, structure, and the impact on the international monetary system of IMF and WB.

c. Practical / Professional Skills

On completing the course, the student should be able to:

- c1. solve the complex problem in International Monetary and Financial systems and make sound decision under uncertainty.

d. General and Transferable Skills

On completing the course, the student should be able to:

- d1. Acquire up-to-date information through lifelong learning

d2. Use information technology in collecting data effectively.

XXX. Course Contents Distribution

Weak.	Course Topics	Teaching Hours	
		Lec.	Tut.
1-2	1. Overview 2. the developments of the international monetary system and the international financial institutions	6	
3-4	-The foreign exchange rate and the balance of payments. -IMF and WB group	6	
5-6	-The need for International Finance. -The balance of payments deficit	6	
7	-The International Flow of Capital	3	
8	Mid Term exam		
9	The Debt crises 1980s.	3	
10-11	-The changing role of IMF and WB -The east Asian crises 1990s	6	
12	-The financial crisis 2008	3	
13	The corona Pandemic	3	
14	Student presentations		
15-16	Final Exam		

XXXI. Course Matrix Content

Main Topic	Course ILOs Covered by Topic (By ILO Code)			
	K.U.	IS	P.P.S.	G.T. S
Knowledge-Based Economy Formation and Development	-	b1,b2		d2

Knowledge-Based Economy: Trends and Implications	a2	-		d1,d2
Knowledge-Based Economy and Enterprise Management	a1	b1, b2	c1	
Public Dimensions of Knowledge and Innovation	a1, a2	b2,	c1	
Analysis of Intellectual Potential	a1, a2	b1, b2,	c1	
Knowledge Management	a2	b2	-	-
Lifelong Learning and Self-development	a2	b1, b2	c1	d2
<ul style="list-style-type: none"> • K.U.: Knowledge and Understanding • I.S: intellectual skills. • P.P.S.: Practical / Professional Skills. • G.T. S: General and Transferable Skills. 				

XXXII. Teaching and Learning Methods

Teaching and Learning Methods	Selected Methods	Course ILOs			
		Knowledge and Understanding Skills	Intellectual Skills	Practical / Professional Skills	General and Transferable Skills
Interactive Lectures	√	√	√		√
Discussion	√	√	√		√
Brainstorming	√	√	√		√
Case study					
Problem Solving	√	√	√	√	√
Self-Learning: workshops- Projects - Research – Reports – assignments – presentations	√	√	√	√	√
hybrid (Blended) education (if applied)					
Modeling – simulation – role play					
Demonstrations					
Practical (lab) / applications					
Asynchronous Learning (PDF, PowerPoint, Lecture videos)	√	√	√		

XXXIII. Teaching and Learning Methods for special needs:

Academic Advising - additional Office Hours – concentrated Lecture – Asynchronous Learning.

XXXIV. Assessment Methods – ILOs Matrix

Assessment	Course ILOs
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Methods		Knowledge and understanding	Intellectual Skills	Practical / Professional Skills	General and Transferable Skills
Class Works	Individual and Group Assignments		b2,	c1,	d1
	Tasks and Reports				d2
	Quizzes	a1-a2	b1	c1,	
written	Mid term	a1-a2	b1	-	
	Final Exam	a1-a2	b1, b2	c1	

XXXV. Grade and weight of assessments

Assessment Methods		Time	Assessment Grades	Weight %
Class Work	Individual and Group Assignments	All over the semester		
	Participation (Tasks, project, Reports)		10	10%
	Lab Test			
	Quizzes	All over the semester	20	20%
Mid-term		Week 8	20	20%
Sub-Total			50	50%
Final Exam		15-16	50	50%
Total			100	100%

III. References

Course Notes	Lecture slides are available on the Students Learning Management System (Moodle).
Essential Textbooks	G. K. Helleiner, (1996). "The International Monetary and Financial System Developing-Country Perspectives", UNCTAD.

Extra Recommended Books	Articles in Journals - IMF, Finance and Development magazine Others - Imf.org
Online Web Sites	www. IMF.org

IV. Facilities required for teaching and learning

Facility	Lecture	Class	Lab	Admin
White Board	✓	✓		
PC/Laptop	✓	✓		
Data-Show	✓	✓		
Laser Pointer				
Internet	✓	✓		
Printer				
Copier				
McGraw-Hill Connect				
Moodle	✓	✓		
Zoom				
Software Packages				
Laboratories				

Course coordinator	Head of the Department
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<u>Date:</u> 10/2023	<u>Date:</u> 10/2023

Course Specification

XXXVI. Basic Information

Course Code	ECO 313	Course Name	Energy Economics
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Level/ Semester	3 /2	Specialization	Economics
Department Offering the Course	Economics		
Credit Hours	<i>Credit Hours</i>		
	Total Credit Hours	Theoretical	Tutorial
	3	3	1
	<i>Contact Hours</i>		
	Contact Hours	Theoretical	Tutorial
	4	3	1
Course Prerequisite(s)	ECO 101		
Approval Date of course Specification	10 /2023		

XXXVII. Course Contents

Topics covered: Energy demand, energy supply and the economics of delectable resources, world oil markets and energy security, natural gas price regulation, deregulation and markets, electricity, coal, nuclear power, energy efficiency policies and renewable energy policies. Also, the course gives an overview of the energy resources and industry in Egypt. This course discusses in details the energy market: energy demand, energy supply, energy prices, environmental consequences of energy consumption and production, and various public policies affecting energy demand, supply and prices.

XXXVIII. Course Aims

Upon successfully completing the course, students will be:

This course provides an in-depth exploration of financial tools, valuation techniques, and financial indicators with a focus on the Egyptian financial sector. It emphasizes the time value of money, risk-return tradeoffs, and financial statement analysis, while incorporating recent industry updates and external readings.

XXXIX. Program ILOs Covered by the Course

Program ILOs Covered by the Course			
Knowledge and Understanding Skills	Intellectual Skills	Practical / professional Skills	General and Transferable Skills
K1, K3, K9, K11, K13, K14, K18, K19	I1, I4, I6, I7, I8, I9	P1, P5, P6, P7, P8, P11, P14, P16, P18	G1, G2, G3, G4, G5, G6, G9, G10

XL. Course Intended Learning Outcomes (ILOs)

The Intended Learning Outcomes (ILOs) are listed under four headings:

a. Knowledge and Understanding

On completing the course, the student should be able to:

- a1. **Demonstrate** theories, principles, and concepts of Energy Economics and related fields.
- a2. **Classify** the determinants of the world Oil market and renewable energy policies.

b. Intellectual Skills

On completing the course, the student should be able to:

- b1. **Analyze** and evaluate alternative solutions related to the energy crisis.
- b2. **Compare** the traditional and renewable sources of energy.

c. Practical / Professional Skills

On completing the course, the student should be able to:

- c1. Use the International reports of energy to analyze the developing countries' behavior
- c2. Solve the complex problem related to energy economics and make sound decisions under uncertainty.

d. General and Transferable Skills

On completing the course, the student should be able to:

- d1. Work with others as part of a team and can lead a team.

- d2. Enhance research and information-gathering skills to stay current with energy economics.
- d3. Enhance critical thinking and problem-solving abilities by analyzing energy crisis.
- d4. Cultivate effective communication skills for presenting energy economics issues and recommendations to diverse stakeholders.

XLI. Course Contents Distribution

Weak.	Course Topics	Teaching Hours	
		Lect.	Tut.
1	An Overview of the development of the energy market	3	1
2	The Energy market Supply and Demand	3	1
3	The Energy market Supply and Demand	3	1
4	The Energy market Supply and Demand		
5	The production and consumption of energy demand and consumption of energy	3	1
6	The production and consumption of energy	3	1
7	The consumption of Energy and Environment	3	1
8	Mid- Term Exam		
9	The Investment in Energy Production		
10	The Investment in Energy Production The world Oil Market The Oil Prices Shocks	3	1
		3	1
11	The energy efficiency policies	3	1
12	The renewable energy policies	3	1
13	The energy economics in Egypt	3	1
14	Student presentations		
15-16	Final Exam		

XLII. Course Matrix Content

Main Topic	Course ILOs Covered by Topic (By ILO Code)			
	K.U.	I.S	P.P.S.	G.T. S
• An Overview of the development of the energy market	a1, a2		-	
▪ The Energy market Supply and Demand ▪ The determinants of demand ▪ The determinants of supply	a1, a2	b 2	c1	d2
The production and consumption of energy ▪ demand and consumption of energy	a 1, a 2	b1	c1	
The Investment in Energy Production • The world Oil Market • The Oil Prices Shocks	a1, a2	b1	-	d3
The energy efficiency policies	a1, a2	b 2	c1, c2	d3, d4
The renewable energy policies The solar and winds energy	a1, a2	b 2	c1, c2	d1-d4
The energy economics in Egypt	a1, a2	b 2	c1, c2	d1- d4
<ul style="list-style-type: none"> • K.U.: Knowledge and Understanding • I.S: intellectual skills. • P.P.S.: Practical / Professional Skills. • G.T. S: General and Transferable Skills. 				

XLIII. Teaching and Learning Methods

Teaching and Learning Methods	Selected Methods	Course ILOs			
		Knowledge and Understanding Skills	Intellectual Skills	Practical / Professional Skills	General and Transferable Skills
Interactive Lectures	√	√	√		√
Discussion	√	√	√		√
Brainstorming	√	√	√		√
Case study					
Problem Solving	√	-	√	√	-
Self-Learning: workshops- Projects - Research – Reports – assignments – presentations	√	√	√	√	√
hybrid (Blended) education (if applied)					
Modeling – simulation – role play					
Demonstrations					
Practical (lab) / applications					
Asynchronous Learning (PDF, PowerPoint, Lecture videos)	√	√	√		

XLIV. Teaching and Learning Methods for special needs:

Academic Advising - additional Office Hours – concentrated Lecture –
Asynchronous Learning.

XLV. Assessment Methods – ILOs Matrix

Assessment Methods		Course ILOs			
		Knowledge and understanding Skills	Intellectual Skills	Practical / Professional Skills	General and Transferable Skills
Class Works	Individual and Group Assignments	a1-a2	b1-b2	c1	d1, d2, d3
	Quizzes	a1-a2	b1-b2	c1	d1, d2, d3
	Participation (Tasks, project, research, Reports)	-	b1-b2	c1	d1, d2, d3, d4
Written Exam	Midterm Exam	a1-a2	b1, b2	c1	-
	Final Exam	a1-a2	b1, b2,	c1,c2	d4

I. Grade and weight of assessments

Assessment Methods		Time	Assessment Grades	Weight %
Class Work	Individual and Group Assignments	All over the semester	10	10%
	Participation (Tasks, project, research, Reports)		10	10%
	Quizzes	All over the semester	10	10%
Mid-term		Week 8	20	20%
Sub-Total			50	50%
Final Exam		Weeks 14-15	50	50%
Total			100	100%

V. References

Course Notes	Lecture slides are available on the Students Learning Management System (Moodle).
Essential Textbooks	Subhes C. Bhattacharyya (2011). "Energy Economics Concepts, Issues, Markets and Governance", Springer-Verlag London Limited.
Extra Recommended Books	<ul style="list-style-type: none"> • <u>Peter Zweifel</u> , <u>Aaron Praktiknjo</u> , <u>Georg Erdmann</u> (2017), Energy economics theory and application, Springer.
Online Web Sites	https://www.imf.org World Energy Outlook 2023 – Analysis - IEA

VI. Facilities required for teaching and learning.

Facility	Lecture	Class	Lab	Admin
White Board	√	√		
PC/Laptop	√	√		
Data-Show	√	√		
Laser Pointer				
Internet	√	√		
Printer				
Copier				
Moodle	√	√		
Zoom	√			
Software Packages				
Laboratories				

Course coordinator	Head of the Department
<u>Name:</u> Dr. Eman Hassan Ali	<u>Name:</u> Prof. ALtakra ELsayed Hemaya
<u>Signature:</u> Eman Hassan Ali	<u>Signature:</u> ALtakra ELsayed Hemaya
<u>Date:</u> 10/2023	<u>Date:</u> 10/2023

Course Specification

XLVI. Basic Information

Course Code	ECO 417	Course Name	Economics of Egypt and Africa			
Level/ Semester	4 /1	Specialization	Economics			
Department Offering the Course	All departments					
Credit Hours	Credit Hours					
	Total Credit Hours	Theoretical		Tutorial		Laboratory
		3	3			-
	Contact Hours					
	Contact Hours	Theoretical		Tutorial		Laboratory
		3	3			-
	Course Prerequisite(s)	ECO 101				
Approval Date of course Specification	10/2023					

XLVII. Course Contents

Using appropriate analytical frameworks, this course reviews major trends in economic indicators and policy debates in Egypt and Africa in the recent time, with detailed discussion about the African Agreements of COMESA and others, also the course emphasizes on paradigm shifts and turning points. It combines macroeconomic (e.g. growth determinants, the role of foreign aid) and microeconomic issues (e.g. health, human capital, and poverty dynamics) as well as institutional explanations for the lack of economic growth in the region. Given the rapid changes taking place in Egypt, and the rapid speed of Africa's development rate, the reading list will have to be updated annually.

XLVIII. Course Aims

The course aims to analyze current economic indicators, policy debates, and major agreements like COMESA, while exploring paradigm shifts, institutional roles, and both macroeconomic and microeconomic factors shaping economic development in Egypt and Africa.

XLIX. Program ILOs Covered by the Course

Program ILOs Covered by the Course			
Knowledge and Understanding Skills	Intellectual Skills	Practical / professional Skills	General and Transferable Skills
K9, K10	I3, I4, I5, I6	P3, P12, P13, P14	G2, G6, G10

L. Course Intended Learning Outcomes (ILOs)

The Intended Learning Outcomes (ILOs) are listed under four headings:

a. Knowledge and Understanding

On completing the course, the student should be able to:

- a1. Explain recent economic trends in Egypt and Africa, including key economic indicators and policy debates.
- a2. Discuss the impact of major African agreements like COMESA on economic development.
- a3. Identify paradigm shifts and turning points that have shaped the economic landscape of Egypt and Africa.
- a4. Describe the interplay between macroeconomic factors and microeconomic issues in influencing economic growth.
- a5. Explain the role of institutions in explaining economic growth patterns in the region.

b. Intellectual Skills

On completing the course, the student should be able to:

- b1. Analyze economic data, policy debates, major agreements (COMESA),

paradigm shifts, and the roles of institutions.

b2. Evaluate the strengths and weaknesses of economic models, arguments, and potential future economic trends.

B3. Analyze critically information, identify assumptions, and draw reasoned conclusions.

c. Practical / Professional Skills

On completing the course, the student should be able to:

c1. Interpret and analyze economic data from various sources.

c2. Develop research skills by gathering information,

c3. Present economic information and arguments in written and oral formats.

c4. Evaluate economic information, identify biases, and differentiate between fact and opinion.

d. General and Transferable Skills

On completing the course, the student should be able to:

d1. Hone communication skills by clearly explaining complex economic concepts and effectively presenting arguments.

d2. Develop problem-solving skills.

d3. Manage information by gathering, organizing, and synthesizing economic data and research findings.

LI. Course Contents Distribution

week	Course Topic	Teaching hour	
		lecture	tutorial
1	Introduction	1	
2-3	Common market for eastern and south Africa (COMESA).	2	

week	Course Topic	Teaching hour	
		lecture	tutorial
4-5	The economic community of west African states (ecowas).	2	
6-7	Resources in africa	2	
8	Mid-term Exam		
9	Follow resources in africa	1	
10-11	Natural resources curse in africa	2	
12-13	Community of Sahel Saharan states (Cen-sad community)	2	
14	Revision	1	
15-16	Final Exam		
	Total hours	39	

LII. Course Matrix Content

Main Topic	Course ILOs Covered by Topic (By ILO Code)			
	K.U.	I.S	P.P.S.	G.T. S
• Introduction	A1			
▪ Common market for eastern and south Africa (COMESA).	A1, A2, A5	B1, B2	C2, C4	D1
▪ The economic community of west African states (Ecowas).	A1, A2, A5	B1, B2	C2	D1
▪ Resources in Africa	A3, A4	B3	C1, C2,	D3

Main Topic	Course ILOs Covered by Topic (By ILO Code)			
	K.U.	I.S	P.P.S.	G.T. S
			C3	
▪ Natural resources curse in Africa	A3, A4, A5	B2, B3		D2
▪ Community of Sahel Saharan states (Cen-sad community)	A1, A2, A5	B1, B2	C2	D1
<ul style="list-style-type: none"> • K.U.: Knowledge and Understanding • I.S: intellectual skills. • P.P.S.: Practical / Professional Skills. • G.T. S: General and Transferable Skills. 				

LIII. Teaching and Learning Methods

Teaching and Learning Methods	Course ILOs				
	Selected Methods	Knowledge and Understanding Skills	Intellectual Skills	Practical / Professional Skills	General and Transferable Skills
Interactive Lectures	√	√	√		√
Discussion	√	√	√		√
Brainstorming					
Case study					
Problem Solving	√	√	√		√
Self-Learning: workshops- Projects - Research – Reports – assignments – presentations	√	√	√		√
hybrid (Blended) education (if applied)					
Modeling – simulation – role play					
Demonstrations					
Practical (lab) / applications					
Asynchronous Learning (PDF, PowerPoint, Lecture videos)	√	√	√		

LIV. Teaching and Learning Methods for special needs:

Academic Advising - additional Office Hours – concentrated Lecture –
Asynchronous Learning.

LV. Assessment Methods – ILOs Matrix

Assessment Methods		Course ILOs			
		Knowledge and understanding Skills	Intellectual Skills	Practical / Professional Skills	General and Transferable Skills
Class Works	Individual and Group Assignments				
	Quizzes	A1-A5	B1-B3		
	Participation (Tasks, project, research, Reports)	A1, A2, A5	B1-B3	C1-C3	D1-D4
Written Exam	Midterm Exam	A1, A2, A5	B1, B2		
	Final Exam	A1-A5	B1-B3		

LVI. Grade and weight of assessments

Assessment Methods		Time	Assessment Grades	Weight %
Class Work	Individual and Group Assignments	All over the semester	10	10%
	Participation (lecture discussion)		10	10%
	Quizzes	All over the semester	10	10%
Mid-term		Week 8	20	20%
Sub-Total			50	50%
Final Exam		Weeks 14-15	50	50%
Total			100	100%

VII. References

Course Notes	Lecture slides are available on the Students Learning Management System (Moodle).
Essential Textbooks	Murinde, V. (Ed.). (2017). The free trade area of the common market for Eastern and Southern Africa. Routledge. Magu, S. M. (2023). Community of Sahel–Saharan States (CEN-SAD): All Our Northern Brethren. In Towards Pan-Africanism: Africa's Cooperation through Regional Economic Communities (RECs), Ubuntu and Communitarianism (pp. 213-239). Singapore: Springer Nature Singapore.
Extra Recommended Books	Zagaris, B. (1978). The Economic Community of West African States (ECOWAS): An Analysis and Prospects. Case W. Res. J. Int'l L., 10, 93.
Online Web Sites	https://www.ekb.eg/ https://www.pearson.com/

VIII. Facilities required for teaching and learning.

Facility	Lecture	Class	Lab	Admin
White Board	√	√		
PC/Laptop	√	√		
Data-Show	√	√		
Laser Pointer				
Internet	√	√		
Printer				
Copier				
Moodle	√	√		
Zoom				
Software Packages				
Laboratories				

Course coordinator	Head of the Department
<u>Name:</u> Dr. Hossam Shehata	<u>Name:</u> Prof. ALTahra ELsayed Hemaya
<u>Signature:</u> Hossam Shehata	<u>Signature:</u> ALTahra ELsayed Hemaya
<u>Date:</u> 10/2023	<u>Date:</u> 10/2023

Course Specification

LVII. Basic Information

Course Code	ECO418	Course Name	Health economics			
Level/ semester	4 /1	Specialization	Economics			
Department Offering the Course	Economics					
Credit Hours	Credit Hours					
	Total Credit Hours	Theoretical		Tutorial		Laboratory
		3		1		-
	Contact Hours	Contact Hours				
		Theoretical		Tutorial		Laboratory
		4		1		-
	Course Prerequisite(s)	ECO 101				
Approval Date Of course Specification	10/2023					

LVIII. Course Contents

Health Economics is a fascinating subject. This course is meant to give both economics and non-economics student the basic economics principles and their application to the health sector. Hence, the overall purpose of the course is to introduce the basic concepts of economics and their application to the health sector and not to fully present all that is important about the subject matter of health economics.

LIX. Course Aims

Upon successful completion of the course the student will be able to:

give you in-depth understanding of health economics as regards:

- Health economics is a crucial tool for analysing the health sector, focusing on resource allocation, planning, management, and the economic implications of economic development on healthcare services.

LX. Program ILOs Covered by the Course

Program ILOs Covered by the Course			
Knowledge and Understanding	Intellectual Skills	Practical / Professional Skills	General and Transferable Skills
K5,K7,K8	I2, I6, I9	P1,P4, P13, P14, P15	G1, G2, G7, G8, G9

LXI. Course Intended Learning Outcomes (ILOs)

The Intended Learning Outcomes (ILOs) are listed under four headings:

a. Knowledge and Understanding

On completing the course, the student should be able to:

- identify the fundamental theoretical and practical concepts and tools of health economics

b. Intellectual Skills

On completing the course, the student should be able to:

- analyze and inform global health policy and/or healthcare industry questions using the applied practical techniques of health economic evaluation, health preference elicitation and health econometrics.

c. Practical / Professional Skills

On completing the course, the student should be able to: Specifically, ability to:

- apply global health policy questions of care system finance and delivery, and access to interventions and/or technologies

d. General and Transferable Skills

On completing the course, the student should be able to:

- D1. develop analytical reasoning, numeracy, and clear, effective communication skills.
d2. Work independently and collaboratively in teams under pressure.
d3 Acquire experience in applying economic and English terminologies for effective problem-solving and decision-making.

LXII. Course Contents Distribution

Weak.	Course Topics	Teaching Hours	
		Lec.	Tut.
1-2	The Economics of Healthcare The Four Basic Questions	6	2
3-4	The Main Features of Health Care Service and Its Relation with Economic Development Health and Medical Care: An Economic Perspective	6	2
5-6	The Demand for Medical Care The Supply of Physician Services and other Medical Services .	6	2
7	Medical Care Production and Costs	3	1
8	Mid Term exam		
9	Hospital Services and Efficiency	3	1
10-11	Cost Concepts and Economic Evaluation Health Care Financing	6	2
12-13	The Role of Government in Health Care	6	2
14	Revision		
15-16	Final Exam		

LXIII. Course Matrix Content

Main Topic	Course ILOs Covered by Topic (By ILO Code)			
	K.U.	I.S	P.P.S.	G.T. S
The Economics of Healthcare The Four Basic Questions	a1	b1		d2

The Main Features of Health Care Service and Its Relation with Economic Development Health and Medical Care: An Economic Perspective	a1	b3		d1,d2
The Demand for Medical Care The Supply of Physician Services and other Medical Services .	a1	b1, b2	c1,	
Medical Care Production and Costs	a1	b2, b3	c1	
Hospital Services and Efficiency	a1	b1, b2, b4	c1	
Cost Concepts and Economic Evaluation Health Care Financing	a1	b1	c1	d1&d2
The Role of Government in Health Care	a1	b1, b2, b4, b5, b6	c1	d1, d2&d3
<ul style="list-style-type: none"> • K.U.: Knowledge and Understanding • I.S: intellectual skills. • P.P.S.: Practical / Professional Skills. • G.T. S: General and Transferable Skills. 				

LXIV. Teaching and Learning Methods

Teaching and Learning Methods	Selected Methods	Course ILOs			
		Knowledge and Understanding Skills	Intellectual Skills	Practical / Professional Skills	General and Transferable Skills
Interactive Lectures	√	√	√		√
Discussion	√	√	√		√
Brainstorming	√	√	√		√
Case study					
Problem Solving	√	√	√	√	√
Self-Learning: workshops- Projects - Research – Reports – assignments – presentations					
hybrid (Blended) education (if applied)					
Modeling – simulation – role play					
Demonstrations					
Practical (lab) / applications					
Asynchronous Learning (PDF, PowerPoint, Lecture videos)	√	√	√		

LXV. Teaching and Learning Methods for special needs:

Academic Advising - additional Office Hours – concentrated Lecture –
Asynchronous Learning.

LXVI. Assessment Methods – ILOs Matrix

Assessment	Course ILOs
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Methods		Knowledge and understanding	Intellectual Skills	Practical / Professional Skills	General and Transferable Skills
Class Works	Individual and Group Assignments		b2, b3, b4	c1, c2	
	Tasks and Reports				
	Quizzes	a1-a4	b1, b3	c1,c2	
written	Mid term	a1-a4	b1	c2	
	Final Exam	a1-a4	b1, b2, b3	c1, c2	D1, d2

LXVII. Grade and weight of assessments

Assessment Methods		Time	Assessment Grades	Weight %
Class Work	Individual and Group Assignments	All over the semester		
	Participation (Tasks, project, Reports)		10	10%
	Lab Test			
	Quizzes	All over the semester	20	20%
Mid-term		Week 8	20	20%
Sub-Total			50	50%
Final Exam		15-16	50	50%
Total			100	100%

LXVIII. References

Course Notes	Lecture slides are available on the Students Learning Management System (Moodle).
Essential Textbooks	<p>Jones Andrew (2007) Applied Econometrics for Health Economists: A Practical Guide, 2nd Edition OHE Phelps Charles Culyer J.A. & J.P. Newhouse (2000) Eds, Handbook of Health Economics: Vols 1A & 1B, Elsevier, North-Holland.</p> <p>Donaldson Cam and Karen Gerard (1993) Economics of Health Care Financing: The Visible Hand. Macmillan Press Ltd. London. Folland S., A. Goodman & M. Stano (2010) The Economics of Health & Health Care, Sixth Edition, Prentice Hall, New Jersey.</p> <p>Jacobs, P. (1991) The Economics of Health and Medical Care Maryland: Aspen Pub Inc. Jack, Williams (1964) Principles of Health Economics for Developing Countries. WBI Development Studies. The World Bank, Washington D. C.</p> <p>Zweifel P., F. Breyer & M. Kifmann (2009) Health Economics, Second Edition, Springer Verlag Heidelberg.</p>
Extra Recommended Books	<p>E. (1992) Health Economics, New York: Harper Collins Pub Inc.</p> <p>Santerre E. & S.P. Neun (1996) Health Economics: Theories, Insights & Industry Studies, Irwin, Chicago.</p>
Online Web Sites	

LXIX. Facilities required for teaching and learning

Facility	Lecture	Class	Lab	Admin
White Board	✓	✓		
PC/Laptop	✓	✓		
Data-Show	✓	✓		

Laser Pointer				
Internet	✓	✓		
Printer				
Copier				
McGraw-Hill Connect				
Moodle	✓	✓		
Zoom				
Software Packages				
Laboratories				

Course coordinator	Head of the Department
<u>Name:</u> Dr. Engy Raouf Abdelfatah	<u>Name:</u> Prof. ALtakra ELsayed Hemaya
<u>Signature:</u> Engy Raouf Abdelfatah	<u>Signature:</u> ALtakra ELsayed Hemaya
<u>Date:</u> 10/2023	<u>Date:</u> 10/2023

Course Specification

LXX. Basic Information

Course Code	ECO 416	Course Name	Economic policy and analysis
Level/ Semester	4 /1	Specialization	Economics
Department Offering the Course	Economics		
Credit Hours	<i>Credit Hours</i>		
	Total Credit Hours	Theoretical	Tutorial
	3	3	1
			Laboratory
			-
Contact Hours	<i>Contact Hours</i>		
	Contact Hours	Theoretical	Tutorial
	4	3	1
			Laboratory
			-

Course Prerequisite(s)	ECO 306 / ECO 309
Approval Date of course Specification	10/2023

LXXI. Course Contents

The course is designed to help students to know how to use the economic policies to achieve the macroeconomic goals (price stability, economic growth, and high employment and low unemployment) in the real life. It also covers the economic policies especially monetary, fiscal and trade policies in the closed and open market, applications of the economic policies to achieve the economic goals.

LXXII. Course Aims

Upon completion of the course, students will be able to and have the skill to:

1. Provide a balanced and coherent discussion of conceptual, methodological, and ethical issues underlying the identification, selection, implementation and evaluation of a variety of micro and macro-economic policy proposals.
2. Construct effective reports aimed at briefing policy makers, both individually and in groups, of a professional standard, to communicate the results of their analysis to non-economists, including the public.

LXXIII. Program ILOs Covered by the Course

Program ILOs Covered by the Course			
Knowledge and Understanding Skills	Intellectual Skills	Practical / professional Skills	General and Transferable Skills
K3, K4, K9, K10, K11, K12	I3, I5, I7	P6, P12, P13, P14	G6, G8, G9

LXXIV. Course Intended Learning Outcomes (ILOs)

The Intended Learning Outcomes (ILOs) are listed under four headings:

a. Knowledge and Understanding

On completing the course, the student should be able to:

- a1. Identify the fundamental concepts and ideas in economics (and their microeconomic and macroeconomic foundations) and the limitations of economic analysis.
- a2. Display a critical awareness of the design and application of microeconomic and macroeconomic policy, with a focus on the empirical evidence relating to policy efficacy.
- a3. Identify in depth real-life economic scenarios drawn from a variety of country and sector contexts, to develop and demonstrate a critical awareness of current problems and/or new insights informed by the economics discipline and areas of professional practice.
- a4. Demonstrate an advanced knowledge of key economic policy debates and their historical antecedents and the ability to critically appraise contemporary policy problems.
- a5. Discuss the theoretical underpinnings and contemporary policy issues related to international economics, development economics or global financial markets.
- a6. demonstrate practical debates on energy strategy and sustainability, on both the supply and demand side of the energy market, identifying the key components of policy issues.

b. Intellectual Skills

On completing the course, the student should be able to:

- b1. Analyze critically core economic concepts and ideas to a range of policies choices facing business and government.
- b2. Evaluate critically the application of economic ideas and concepts to new situations.

c. Practical / Professional Skills

On completing the course, the student should be able to:

- c1. Use economic applications and policy to specialist and non-specialist audiences.
- c2. Apply the appropriate trade policy to effectively achieve economic efficiency.
- c3. Demonstrate advanced capabilities in skills of abstraction, experimentation, deduction, induction, and framing, by drawing on appropriate economic concepts and evidence to analyze complex public and private sector decision-making scenarios,

d. General and Transferable Skills

On completing the course, the student should be able to:

- d1. Apply their knowledge in practice including in multi-disciplinary or multi-professional contexts.
- d2. Apply critical, creative and evidence-based thinking to conceive innovative responses to future challenges.
- d3 Work individually and collaboratively, via group activities, demonstrating a self-aware and reflective approach.

LXXV. Course Contents Distribution

Weak.	Course Topics	Teaching Hours	
		Lec.	Tut.
1	INTRODUCTION	3	1
2-3	Microeconomic Analysis and Policy	6	2
4-6	Monetary Policy	9	3
7	fiscal policy	3	1
8	Mid Term exam		
9	Follow- fiscal policy	6	2
11-13	Trade policy	9	3
14	Case study	3	1
15-16	Final Exam		

LXXVI. Course Matrix Content

Main Topic	Course ILOs Covered by Topic (By ILO Code)			
	K.U.	I.S	P.P.S.	G.T. S
Introduction	a1		c1,	

Microeconomic Analysis and Policy	a1, a4	B2	C1: C3	D3
Monetary Policy	a1, a4, a6	b2	C1	D1
fiscal policy	A3, A5		C1	D1
Trade policy	a2, a1, a4	B1	C2	D1
Case study	a2, a4	b1	C2	D1, d2
<ul style="list-style-type: none"> • K.U.: Knowledge and Understanding • I.S: intellectual skills. • P.P.S.: Practical / Professional Skills. • G.T. S: General and Transferable Skills. 				

LXXVII. Teaching and Learning Methods

Teaching and Learning Methods	Selected Methods	Course ILOs			
		Knowledge and Understanding Skills	Intellectual Skills	Practical / Professional Skills	General and Transferable Skills
Interactive Lectures	√	√	√		√
Discussion	√	√	√		√
Brainstorming	√	√	√		√
Case study	√	√	√	√	√
Problem Solving	√	√	√	√	√
Self-Learning: workshops- Projects - Research – Reports – assignments – presentations	√	√	√	√	√
hybrid (Blended) education (if applied)					
Modeling – simulation – role play					
Demonstrations					
Practical (lab) / applications					
Asynchronous Learning (PDF, PowerPoint, Lecture videos)	√	√	√		

LXXVIII. Teaching and Learning Methods for special needs:

Academic Advising - additional Office Hours – concentrated Lecture –
Asynchronous Learning.

LXXIX. Assessment Methods – ILOs Matrix

Assessment Methods		Course ILOs			
		Knowledge and understanding	Intellectual Skills	Practical / Professional Skills	General and Transferable Skills
Class Works	Individual and Group Assignments	A1, a2	B1, b2	C1, c2	D2
	Tasks and Reports	A1, a2	B1	C1	
	Quizzes	A1, a2, a3, a4	B1	C1, c2, C3	D1, D2
written	Mid term	A1, A2	B1, b2		
	Final Exam	A1-A6	B1, b2		

LXXX. Grade and weight of assessments

Assessment Methods		Time	Assessment Grades	Weight%
Class Work	Individual and Group Assignments	All over the semester	10	10%
	Participation (Tasks, project, research, Reports)		10	10%
	Quizzes	All over the semester	10	10%
Mid-term		Week 8	20	20%
Sub-Total			50	50%
Final Exam		Weeks 14-15	50	50%
Total			100	100%

IX. References

Course Notes	Lecture slides are available on the Students Learning Management System (Moodle).
Essential Textbooks	P. Hazarika, "Economic policy –Theory and practice 2017.
Extra Recommended Books	Chier ,A.(2019), Economic Policy Analysis
Online Web Sites	https://www.academia.edu/38725697/Economic_Policy_Analysis

X. Facilities required for teaching and learning.

Facility	Lecture	Class	Lab	Admin
White Board	√	√		
PC/Laptop	√	√		
Data-Show	√	√		
Laser Pointer				
Internet	√	√		
Printer				
Copier				
Moodle	√	√		
Zoom				
Software Packages				
Laboratories				

Course coordinator	Head of the Department
<u>Name:</u> Dr. Hossam Shehata	<u>Name:</u> Prof. ALtakra ELSayed Hemaya
<u>Signature:</u> Hossam Shehata	<u>Signature:</u> ALtakra ELSayed Hemaya
<u>Date:</u> 10/2023	<u>Date:</u> 10/2023

Course Specification

LXXXI. Basic Information

Course Code	MGT416	Course Name	Strategic Management			
Level/Semester	4/2	Specialization	Human Resource Management, Marketing, Finance			
Department Offering the Course	Business Administration					
Credit Hours	Credit Hours					
	Total Credit Hours	Theoretical		Tutorial		Laboratory
		3	3	-	-	
	Contact Hours					
	Contact Hours	Theoretical		Tutorial		Laboratory
		3	3	-	-	
	Course Prerequisite(s)	MGT101				
Approval Date Of course Specification	/ /					

LXXXII. Course Contents

The course emphasizes the value and process of strategic management. The course focuses on a broad representation of differing, often conflicting, perspectives, and theories related to strategic management. It offers a comprehensive approach to strategic management and helps learners develop strategic thinking skills in the context of an organization

LXXXIII. Course Aims

Upon successful completion of the course the student will be able to:

The course introduces key strategy concepts, integrates prior learning into diverse business contexts, and equips students with leadership and change management skills for dynamic, multicultural organizations.

LXXXIV. Program ILOs Covered by the Course

Program ILOs Covered by the Course			
Knowledge and Understanding	Intellectual Skills	Practical / Professional Skills	General and Transferable Skills

LXXXV. Course Intended Learning Outcomes (ILOs)

The Intended Learning Outcomes (ILOs) are listed under four headings:

a. Knowledge and Understanding

On completing the course, the student should be able to:

- a1. Define strategic management, and review its history, characteristics, process, and factor the shape a company strategy.
- a2. Mention the process of environmental scanning, and its techniques/methods.
- a3. Discuss strategic analysis, mention its procedures, and methods /models.
- a4. Identify strategy formulation at corporate, business, functional levels, and review its alternatives.
- a5. List the different types of strategies.
- a6. Discuss strategy evaluation, and mention the guidelines for proper control.

b. Intellectual Skills

On completing the course, the student should be able to:

- b1. Demonstrate an understanding of strategy formulation at corporate, business and functional levels.
- b2. Illustrate the main characteristics of strategic management.
- b3. Interpret the process view of strategic management.
- b4. Differentiate among the techniques used for environmental scanning.
- b5. Distinguish among different strategic analysis methods including porter's five force model, BCG Matrix, GE Model, SWOT Analysis, PESTLE Analysis.
- b6. Interpret the prerequisites and process of strategy implementation.
- b7. Examine different ways for evaluating strategies.

c. Practical / Professional Skills

On completing the course, the student should be able to:

- c1. Use techniques for environmental scanning to analyze and interpret the external factors influencing organizational strategy.
- c2. Apply strategic analysis techniques through utilizing tools such as SWOT analysis, PESTEL analysis, and Porter's Five Forces to assess internal and external factors, informing decisions and adapting to dynamic business environments.
- c3. Develop proficiency in crafting corporate, business, and functional strategies aligned with organizational goals, considering factors such as competitive advantage, differentiation, and sustainability.
- c4. Execute strategic implementation techniques to translate organizational strategies into actionable plans, fostering effective execution and organizational alignment.
- c5. Employ strategic evaluation frameworks to assess strategic initiatives using different tools for continuous improvement and alignment with objectives.

d. General and Transferable Skills

On completing the course, the student should be able to:

- d1. Create well communication skills.
- d2. Develop a problem-solving mechanism.
- d3. Reflect on and learn from prior experience and integrate new knowledge with past experience and apply it to new situations.

LXXXVI. Course Contents Distribution

Weak.	Course Topics	Teaching Hours	
		Lec.	Tut.
1	An Introduction to Strategic Management (Definition, History, Characteristics, Process, Guidelines, Factors)	3	-
2	Environmental Scanning Meaning, Process, Techniques	3	-

3	Procedure Of Strategic Analysis, Strategic Analysis Methods (Porter's Five Force Model)	3	-
4	Strategic Analysis Methods (BCG Matrix, GE MOEL)	3	-
5	Strategic Analysis Methods (SWOT Analysis, PESTLE Analysis)	3	-
6	Strategy Formulation at The Corporate Level	3	-
7	Strategy Formulation at The Corporate Level + Revision	3	-
8	Midterm Exam		
9	Strategy Formulation at The Corporate Level cont'd	3	-
10	Strategy Formulation at The Business Level	3	-
11	Strategy Formulation at The Business Level, cont'd	3	-
12	Strategy Formulation at The Functional Level	3	-
13	Strategy Implementation + Final Revision	3	-
14	Strategy Evaluation + Projects' Presentations	3	-
15-16	Final Exam		

LXXXVII. Course Matrix Content

Main Topic	Course ILOs Covered by Topic (By ILO Code)			
	K.U.	I.S	P/P.S.	G/T. S
An Introduction to Strategic Management (Definition, History, Characteristics, Process, Guidelines, Factors)	a1	b2,b3	-	d1,d3
Environmental Scanning Meaning, Process, Techniques	a2	b4	c1	d1,d3
Procedure Of Strategic Analysis, Strategic Analysis Methods (Porter's Five Force Model)	a3	b5	c2	d1,d2,d ₃
Strategic Analysis Methods (BCG Matrix, GE MOEL)	a3	b5	c2	d1,d2,d ₃
Strategic Analysis Methods (SWOT Analysis, PESTLE Analysis)	a3	b5	c2	d1,d2,d ₃
Strategy Formulation at The Corporate Level	a4	b1	c3	d1,d2,d ₃
Strategy Formulation at The Business Level	a4	b1	c3	d1,d2,d ₃
Strategy Formulation at The Functional Level	a4	b1	c3	d1,d2,d ₃
Strategy Implementation	a5	b6	c4	d1,d3
Strategy Evaluation	a6	b7	c5	d1,d2,d ₃
<ul style="list-style-type: none"> • P/P.S.: Practical / Professional Skills • I.S: Intellectual skills • K.U.: Knowledge and Understanding • G/T. S: general / transferable skills 				

LXXXVIII. Teaching and Learning Methods

Teaching and Learning Methods		Course ILOs			
	Selected Methods	Knowledge and	Intellectual Skills	Practical / Professional	General and Transferable

		understanding		Skills	Skills
Interactive Lectures	√	√	√	-	√
Discussion	√	√	√	√	√
Brainstorming	√	√	√	√	√
Case Study	√	√	√	√	√
Problem Solving	-	-	-	-	-
Self-Learning: Workshops-Projects- Research-Reports- Assignments- Presentations	√	√	√	√	√
Hybrid (Blended) education (if applied)	-	-	-	-	-
Asynchronous Learning (PDF, PowerPoint, Lecture Videos)	√	√	√	-	√

LXXXIX. Assessment Methods – ILOs Matrix

Assessment Methods		Course ILOs			
		Knowledge and understanding	Intellectual Skills	Practical / Professional Skills	General and Transferable Skills
Class Works	Individual and Group Assignments	a1-a6	b1-b7	c1-c7	d1- d3
	Participation (Tasks, project, Reports)	a1-a6	b1-b7	c1-c7	d1- d3

Quizzes	a1-a6	b1-b7	c1, c3, c5	d2,d3
Mid term	a1,a2,a3	b2,b3,b4,b5	c1,c2	d3
Final Exam	a1-a6	b1-b7	c4, c5	d3

XC. Grade and weight of assessments

Assessment Methods		Time	Assessment Grades	Weight %
Class Work	Individual and Group Assignments	All over the semester	10	10%
	Participation (Tasks, project, Reports)		10	10%
	Lab Test		-	-
	Quizzes	All over the semester	10	10%
Mid-term			20	20%
Sub-Total			50	50%
Final Exam		Weeks 14-15	50	50%
Total			100	100%

XI. References

Essential Textbooks	<ul style="list-style-type: none"> • "Strategic Management: Concepts and Cases" by Fred R. David and Forest R. David. Pearson Education Limited 2017. • "Strategic Management" by Reed Kennedy, Eli Jamison, Joe Simpson, Pankaj Kumar, Ayenda Kemp, Kiran Awate, and Kathleen Manning. Virginia Tech Publishing, 2020. • "Strategic Management: Theory and Cases: An Integrated Approach" by Charles W. L. Hill and Melissa A. Schilling. Cengage Learning, 2023.
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Course Notes	Lecture slides are available on students learning management system (MOODLE)
Extra Recommended Books	<ul style="list-style-type: none"> "Exploring Strategy: Text & Cases" by Gerry Johnson, Richard Whittington, Patrick Regnér, Kevan Scholes, and Duncan Angwin. Pearson Education Limited, 2023.
Online Web Sites	<ul style="list-style-type: none"> Strategic Management Insight (https://www.strategicmanagementinsight.com/) Harvard Business Review (https://hbr.org/topic/strategy) Strategic Management Society (https://www.strategicmanagement.net/)
Others (Specify)	

XII. Facilities required for teaching and learning

Facility	Lecture	Class	Lab	Admin
White Board	√	√	-	
PC/Laptop	√		-	
Data-Show	√	√	-	
Laser Pointer	√	√	-	
Internet	√	√	-	
Printer	√	√	-	
Copier	√	√	-	
McGraw-Hill Connect	-	-	-	
Moodle	√	√	-	
Zoom	√	√	-	
Software Packages	√	√	-	
Laboratories	-	-	-	

Course coordinator	Head of the Department
Name: Dr. Dina Farouk Al-Agry	Name: Dr. Osama Wagdy
Signature: Dina Farouk Al-Agry	Signature: Osama Wagdy
Date: 10/2023	Date: 10/2023

Course Specification

XCI. Basic Information

Course Code	ECO 419	Course Name	History of Economic Thoughts		
Level/ Semester	4 /2	Specialization	Economics		
Department Offering the Course	All departments				
Credit Hours	Credit Hours				
	Total Credit Hours 3	Theoretical	Tutorial	Laboratory	
		3		-	
	Contact Hours 3	Contact Hours			
		Theoretical	Tutorial	Laboratory	
		3		-	
Course Prerequisite(s)	Eco306				
Approval Date of course Specification	10 /2023				

XCII. Course Contents

In the History of Economics, the students will develop a historical and analytical framework to contextualize the economic theories for each broad phase of the history of economics, for example, Classical political economists (Adam Smith, Thomas Malthus, and David Ricardo) witnessed the initial stages of industrialization and developed a number of economic theories. Contemporary approaches inspired by classical theories, and the new classical economic theories also will be covered. The course will also introduce them to the essential features of marginalists school, neoclassical economics, and Keynesian economics, and the monetarists.

XCIII. Course Aims

Upon successfully completing the course, students will be:

The individual should be proficient in analysing economic thought, comparing and contrasting different schools, understanding the development of ideas, and possess strong research and investigative skills.

XCIV. Program ILOs Covered by the Course

Program ILOs Covered by the Course			
Knowledge and Understanding Skills	Intellectual Skills	Practical / professional Skills	General and Transferable Skills
K5, K7, K8	I2, I6, I9	P1, P4, P13, P14, P15	G1, G2, G7, G8, G9

XCIV. Course Intended Learning Outcomes (ILOs)

The Intended Learning Outcomes (ILOs) are listed under four headings:

a. Knowledge and Understanding

On completing the course, the student should be able to:

- a1. discuss the major perspectives of the main schools of economic thought, including pre-classical, classical, new-classical, Keynesian, new-Keynesian and monetarist schools.
- a2. Explain the evolution of thought on economic issues such as price and value theory, money and inflation, international trade.

b. Intellectual Skills

On completing the course, the student should be able to:

- b1. Differentiate between different schools of thought and the opinions of economists.
- b2. Develop economic policies.

c. Practical / Professional Skills

On completing the course, the student should be able to:

- c1. interpret the consequences of adopting different economic schools.

d. General and Transferable Skills

On completing the course, the student should be able to:

- d1. Perform presentations regarding the different schools.

- d2. Acquire analytical and communication skills.

XCVI. Course Contents Distribution

week	Course Topic	Teaching hour	
		lecture	tutorial
1	Introduction to Economic Thoughts	3	
2	Pre-Classical Schools	3	
3	Pre-Classical Schools (2)	3	
4	Mercantilism	3	
5	Adam Smith & Classical School	3	
6	Classical School	3	
7	Keynesian School	3	
8	Mid-term		
9	Keynesian School	3	
10	Monetarism	3	
11	Monetarism	3	

week	Course Topic	Teaching hour	
		lecture	tutorial
12	New Classical	3	
13	New Keynesians	3	
14	Formative Exam.	3	
15-16	Final - exam		
	Total hours	39	

XCVII. Course Matrix Content

Main Topic	Course ILOs Covered by Topic (By ILO Code)			
	K.U.	I.S	P.P.S.	G.T. S
• Introduction	a.1			
▪ Pre-classical	a.1, a.2	b.2	c.1	d.1
▪ Mercantilism	a.1, a.2	b.1, b.2	c.1	d.1
▪ Classical School	a.1, a.2	b.1, b.2	c.1	d.1
▪ Keynesian School	a.1, a.2	b.1, b.2	c.1	
▪ Monetarism	a.1, a.2	b.1, b.2	c.1	d.2
▪ New Classical	a.1, a.2	b.1, b.2	c.1	d.2
▪ New Keynesian	a.1, a.2	b.1, b.2	c.1	d.1
<ul style="list-style-type: none"> • K.U.: Knowledge and Understanding • I.S: intellectual skills. • P.P.S.: Practical / Professional Skills. • G.T. S: General and Transferable Skills. 				

XCVIII. Teaching and Learning Methods

Teaching and Learning Methods	Selected Methods	Course ILOs			
		Knowledge and Understanding Skills	Intellectual Skills	Practical / Professional Skills	General and Transferable Skills
Interactive Lectures	√	√	√		√
Discussion	√	√	√		√
Brainstorming	√	√	√	√	√
Case study					
Problem Solving			√		√
Self-Learning: workshops- Projects - Research – Reports – assignments – presentations	√	√			
hybrid (Blended) education (if applied)					
Modeling – simulation – role play					
Demonstrations					
Practical (lab) / applications					
Asynchronous Learning (PDF, PowerPoint, Lecture videos)	√	√	√		

XCIX. Teaching and Learning Methods for special needs:

Academic Advising - additional Office Hours – concentrated Lecture –
Asynchronous Learning.

C. Assessment Methods – ILOs Matrix

Assessment Methods		Course ILOs			
		Knowledge and understanding Skills	Intellectual Skills	Practical / Professional Skills	General and Transferable Skills
Class Works	Individual and Group Assignments	a.1, a.2			
	Quizzes	-			
	Participation (Tasks, project, research, Reports)		b.1		
Written Exam	Midterm Exam	a.1, a.2	b.1,b.2	c.1	
	Final Exam	a.1, a.2	b.1,b.2	c.1	

CI. Grade and weight of assessments

Assessment Methods		Time	Assessment Grades	Weight %
Class Work	Individual and Group Assignments	All over the semester	10	10%
	Participation (lecture discussion)		10	10%
	Presentations	All over the semester	10	10%
Mid-term		Week 8	20	20%
Sub-Total			50	50%
Final Exam		Weeks 14-15	50	50%
Total			100	100%

CII. References

Course Notes	Lecture slides are available on the Students Learning Management System (Moodle).
Essential Textbooks	Sandmo, A. (2011). <i>Economics evolving: A history of economic thought</i> . Princeton University Press.
Extra Recommended Books	Backhaus, J. G. (2012). <i>Handbook of the history of economic thought</i> . Springer.
Online Web Sites	https://www.ekb.eg/

CIII. Facilities required for teaching and learning.

Facility	Lecture	Class	Lab	Admin
White Board	√	√		
PC/Laptop	√	√		
Data-Show	√	√		
Laser Pointer				
Internet	√	√		
Printer				
Copier				
Moodle	√	√		
Zoom				
Software Packages				
Laboratories				

Course coordinator	Head of the Department
<u>Name:</u> Dr. Rana Sherif	<u>Name:</u> Prof. ALTahra ELsayed Hemaya
<u>Signature:</u> Rana Sherif	<u>Signature:</u> ALTahra ELsayed Hemaya
<u>Date:</u> 10/2023	<u>Date:</u> 10/2023

Course Specification

CIV. Basic Information

Course Code	ECO 420	Course Name	Industrial Economics
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Level/ Semester	4 /2	Specialization	Economics		
Department Offering the Course	Economics				
Credit Hours	Credit Hours				
	Total Credit Hours	Theoretical	Tutorial	Laboratory	
		3	3	-	-
	Contact Hours				
	Contact Hours	Theoretical	Tutorial	Laboratory	
		3	3	-	-
Course Prerequisite(s)	ECO 101				
Approval Date of course Specification	10 /2023				

CV. Course Contents

Topics covered: Firm and Cost, Market Structures, Competition, Monopolies, Monopsonies, and Dominant Firms, Cartels, Oligopoly, Product Differentiation and Monopolistic Competition, Industry Structure and Performance, Information, Advertising, and Disclosure, Business Practices: Strategies and Conduct, Price Discrimination, Advanced Topics in Pricing, Strategic Behavior, Vertical Integration and Vertical Restrictions, Dynamic Models and Market Clearing, Decision Making Over Time: Durability, Patents and Technological Change, How Markets Clear: Theory and Facts. Government Policies and Their Effects, International Trade, Antitrust Laws and Policy, Regulation and Deregulation, Formalization of the Informal Economy.

CVI. Course Aims

Upon successfully completing the course, students will be:

This study explores industrial organization, addressing theoretical and empirical topics like limited information, transaction costs, price adjustments, government actions, and market barriers, enhancing competitive models.

CVII. Program ILOs Covered by the Course

Program ILOs Covered by the Course			
Knowledge and Understanding Skills	Intellectual Skills	Practical / professional Skills	General and Transferable Skills

K1, K3, K9,

II, I4,

P1, P5, P6, P7

G1, G2, G3, G4

CVIII. Course Intended Learning Outcomes (ILOs)

The Intended Learning Outcomes (ILOs) are listed under four headings:

a. Knowledge and Understanding

On completing the course, the student should be able to:

- a1.** *Demonstrate* theories, principles, and concepts of Industrial Economics and related fields.
- a2.** *Classify* the determinants of the structure of Industrial markets.

b. Intellectual Skills

On completing the course, the student should be able to:

Cognitive skills of critical thinking, analysis, synthesis, including:

Students will use critical thinking and problem-solving skills in analyzing information.

- b1.** *Analyze* and evaluate alternative solutions related to the market structure.
- b2.** *Compare* the theoretical and real practice of firms pricing and production policies.

c. Practical / Professional Skills

On completing the course, the student should be able to: Specifically, ability to:

- c1.** Use the local and UNIDO reports of Manufacturing industries to analyze the structure and performance of different industries.

d. General and Transferable Skills

On completing the course, the student should be able to:

- d1.** Enhance research and information-gathering skills to stay current with Industrial economics.
- d2.** Enhance critical thinking and problem-solving abilities by analyzing Industrial crisis.
- d3.** Cultivate effective communication skills for presenting Industrial economics issues and recommendations to diverse stakeholders.

CIX. Course Contents Distribution

Week.	Course Topics	Teaching Hours	
		Lect.	Tut.
1	PART 1: Introduction and Theory CHAPTER 1 Overview.	3	-
2	CHAPTER 2: The Firm and Costs	3	-
3	CHAPTER 2: The Firm and Costs	3	-

Weak.	Course Topics	Teaching Hours	
		Lect.	Tut.
4	PART 2: Market Structures CHAPTER 3: Competition		-
5	CHAPTER 4: Monopolies, Monopsonies, and Dominant Firms	3	-
6	CHAPTER 4: Monopolies, Monopsonies, and Dominant Firms	3	-
7	CHAPTER 5: Cartels	3	-
8	Mid- Term Exam		
9	CHAPTER 6: Oligopoly		-
10	CHAPTER 7: Product Differentiation and Monopolistic Competition	3	-
		3	-
11	CHAPTER 8: Industry Structure and Performance	3	-
12	The Informal Industrial Economy in Egypt	3	-
13	Revision and Student presentations	3	-

CX. Course Matrix Content

Main Topic	Course ILOs Covered by Topic (By ILO Code)			
	K. U.	I.S	P.P.S.	G.T. S
The Firm and Costs	a1, a2		-	
Competition	a1, a2	b 2	c1	d1
Monopolies, Monopsonies, and Dominant Firms	a 1, a 2	b1	c1	
Cartels	a1, a2	b1	-	d3
Oligopoly	a1, a2	b 2	c1	d2, d3
Product Differentiation and Monopolistic Competition	a1, a2	b 2	c1	d1- d3

Main Topic	Course ILOs Covered by Topic (By ILO Code)			
	K. U.	I.S	P.P.S.	G.T. S
Industry Structure and Performance	a1, a2	b 2	c1	d1-d3
The Informal Industrial Economy in Egypt	a1, a2	b 2	c1	d1-d3
<ul style="list-style-type: none"> • K.U.: Knowledge and Understanding • I.S: intellectual skills. • P.P.S.: Practical / Professional Skills. • G.T. S: General and Transferable Skills. 				

CXI. Teaching and Learning Methods

Teaching and Learning Methods	Course ILOs				
	Selected Methods	Knowledge and Understanding Skills	Intellectual Skills	Practical / Professional Skills	General and Transferable Skills
Interactive Lectures	√	√	√	-	√
Discussion	√	√	√	-	√
Brainstorming	√	√	√	-	√
Case study		-	-	√	√
Problem Solving	√	-	√	√	-
Self-Learning: workshops-Projects - Research –Reports – assignments – presentations	√	√	√	√	√
hybrid (Blended) education (if applied)	-	-	-	-	-
Modeling – simulation – role play	-	-	-	-	-
Demonstrations	-	-	-	-	-
Practical (lab) / applications	-	-	-	-	-
Asynchronous Learning (PDF, PowerPoint, Lecture videos)	√	√	√		

CXII. Teaching and Learning Methods for special needs:

Academic Advising - additional Office Hours – concentrated Lecture – Asynchronous Learning.

CXIII. Assessment Methods – ILOs Matrix

Assessment Methods	Course ILOs
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		Knowledge and understanding Skills	Intellectual Skills	Practical / Professional Skills	General and Transferable Skills
Class Works	Individual and Group Assignments	a1-a2	b1-b2	c1	d1, d2, d3
	Quizzes	a1-a2	b1-b2	c1	d1, d2, d3
	Participation (Tasks, project, research, Reports)	-	b1-b2	c1	d1, d2, d3, d4
Written Exam	Midterm Exam	a1-a2	b1, b2	c1	-
	Final Exam	a1-a2	b1, b2	c1	d4

CXIV. Grade and weight of assessments

Assessment Methods		Time	Assessment Grades	Weight %
Class Work	Individual and Group Assignments	All over the semester	10	10%
	Participation (Tasks, project, research, Reports)		10	10%
	Quizzes	All over the semester	10	10%
Mid-term		Week 8	20	20%
Sub-Total			50	50%
Final Exam		Weeks 14-15	50	50%
Total			100	100%

CXV. References

Course Notes	Lecture slides are available on the Students Learning Management System (Moodle).
Essential Textbooks	Dennis W. Carlton and Jeffrey M. Perloff (2015). Modern Industrial Organization, Fourth edition, Pearson Education Limited, Global edition.
Recommended Extra Books	MICHAEL PARKIN, (2012), ECONOMICS, TENTH EDITION, Pearson Education, Inc.
Online Web Sites	https://www.UNIDO.org

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CXVI. Facilities required for teaching and learning.

Facility	Lecture	Class	Lab	Admin
White Board	√	√		
PC/Laptop	√	√		
Data-Show	√	√		
Laser Pointer				
Internet	√	√		
Printer				
Copier				
Moodle	√	√		
Zoom				
Software Packages				
Laboratories				

Course coordinator	Head of the Department
<u>Name:</u> Dr. Eman Hassan Ali	<u>Name:</u> Prof. ALTahra ELsayed Hemaya
<u>Signature:</u> Eman Hassan Ali	<u>Signature:</u> ALTahra ELsayed Hemaya
<u>Date:</u> 10/2023	<u>Date:</u> 10/2023

Course Specification

CXVII. Basic Information

Course Code	Eco 421	Course Name	Contemporary economic issues
Level/ semester	4 / 2	Specialization	Economics
Department Offering the Course	Economics		

Credit Hours	Credit Hours			
	Total Credit Hours	Theoretical	Tutorial	Laboratory
	3	3		-
	Contact Hours			
	Contact Hours	Theoretical	Tutorial	Laboratory
	3	3		-
Course Prerequisite(s)	ECO 306, ECO 309			
Approval Date Of course Specification	10/2023			

CXVIII. Course Contents

The purpose of this course is to provide students with contemporary economic issues and problems in the internal and international arena. The course follows the interdisciplinary approach in the discussion of the chosen topics. Topics in this course are to be updated each year to consider the economic changes in the country and the world.

CXIX. Course Aims

Upon successful completion of the course the student will be able to:

- The individual is proficient in understanding global economic issues, analyzing data, analyzing policies, conducting research, suggesting policies, and engaging in economic literature on less developed countries.

CXX. Program ILOs Covered by the Course

Program ILOs Covered by the Course			
Knowledge and Understanding	Intellectual Skills	Practical / Professional Skills	General and Transferable Skills

K3, K4, K10, K11, K12	I1, I3, I4, I9	P6, P10, P12, P13	G3, G4, G6, G9
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CXXI. Course Intended Learning Outcomes (ILOs)

The Intended Learning Outcomes (ILOs) are listed under four headings:

a. Knowledge and Understanding

On completing the course, the student should be able to:

- a1- Identify how economic principles are related to everyday life.
- a2- Comprehend the importance of using economic theories in understanding contemporary economic issues.
- a3- identify sound knowledge of national economic events.
- a4- Recall the importance of research in understanding microeconomics and macroeconomics in the real world.

b. Intellectual Skills

On completing the course, the student should be able to:

- b1- Decompose economic concepts and apply them to evaluate resource allocation challenges in contemporary economic issues.
- b2- comprehend and critically analyze empirical data, policies, economic concepts, arguments, and theories encountered in contemporary economic issues discussions.
- b3- Evaluate contemporary issues and policy options facing poor countries in the context of the global economy.
- b4- Link economics with other social branches to facilitate the decision-making process.
- b5- Interpret key economic principles to various practical and policy issues.

c. Practical / Professional Skills

On completing the course, the student should be able to:

- c1- construct and apply economic models relevant to analyzing current economic challenges.
- c2- Contribute to decision making by acquiring important skills in numeracy, literacy, and information processing.
- c3- Conduct profitability and cost-benefit analysis evaluations to analyze economic issues.
- c4- Integrate both qualitative and quantitative skills in solving economic problems.

d. General and Transferable Skills

On completing the course, the student should be able to:

- d1- acquire conceptual frameworks for problem-solving and decision-making.

d2- explain economic data, identify patterns, and draw evidence-based conclusions.

d3- Work effectively under pressure and as part of a team

V.I Course Contents Distribution

Weak.	Course Topics	Teaching Hours	
		Lec.	Tut.
1	An introduction to contemporary economic issues	3	
2 -3	Blue economy and economic growth	6	
4	Blue economy and economic growth: An application to the Egyptian Economy	3	
5	Foreign exchange rate and economic stability	3	
6	Foreign exchange rate and economic stability: An application to the Egyptian Economy	3	
7	Fragmentation	3	
8	Mid Term exam		
9	Partnership between the public and private sectors and its role in economic development	3	
10	Partnership between the public and private sectors in Egypt	3	
11	Balance of payment	3	
12-13	Balance of payment: An application to the Egyptian Economy	6	
14	Revision	3	
15-16	Final Exam		

CXXII. Course Matrix Content

Main Topic	Course ILOs Covered by Topic (By ILO
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	Code)			
	K.U.	I.S	P.P.S.	G.T. S
An introduction to contemporary economic issues	A1	B1-b3	c1, c2	
Blue economy and economic growth Blue economy and economic growth: An application to the Egyptian Economy	a1, a3, a4	B1, b2, B3	C1, C4	D1, D2
Foreign exchange rate and economic stability	a1, a2	b1	C1	
Foreign exchange rate and economic stability: An application to the Egyptian Economy	a1, a3, a4	b1, B3	C1, C4	D2
Fragmentation	a1- a4	b1	C1, C3	d1
Partnership between the public and private sectors and its role in economic development	a1, a3	b2, B3	C1, C3	d1
Partnership between the public and private sectors in Egypt	a3, a4		C1	D2
Balance of payment	A1, a3	B1- b5	C1, c2, C4	D2
Balance of payment: An application to the Egyptian Economy	a3, a4	B1- b5	C1, C2, C4	D2, D3
<ul style="list-style-type: none"> • K.U.: Knowledge and Understanding • I.S: intellectual skills. • P.P.S.: Practical / Professional Skills. • G.T. S: General and Transferable Skills. 				

CXXIII. Teaching and Learning Methods

Teaching and Learning Methods	Selected Methods	Course ILOs			
		Knowledge and Understanding Skills	Intellectual Skills	Practical / Professional Skills	General and Transferable Skills
Interactive Lectures	√	√	√		√
Discussion	√	√	√		√
Brainstorming	√	√	√		√
Case study	√	√	√	√	√
Problem Solving	√	√	√	√	√
Self-Learning: workshops- Projects - Research – Reports – assignments – presentations	√	√	√	√	√
hybrid (Blended) education (if applied)					
Modeling – simulation – role play					
Demonstrations					
Practical (lab) / applications					
Asynchronous Learning (PDF, PowerPoint, Lecture videos)	√	√	√		

CXXIV. Teaching and Learning Methods for special needs:

**Academic Advising - additional Office Hours – concentrated Lecture –
Asynchronous Learning.**

CXXV. Assessment Methods – ILOs Matrix

Assessment Methods		Course ILOs			
		Knowledge and understanding	Intellectual Skills	Practical / Professional Skills	General and Transferable Skills
Class work	Individual and Group Assignments	A1	B1	C1, c2	D1:D3
	Tasks and Reports	A1:A3		C2	
	Quizzes	A1, a2, a3, a4	B1, B3, B5	C1, c2	
written	Mid term	A1- A4	B1-B3		
	Final Exam	A1-A4	B1-B5		

CXXVI. Grade and weight of assessments

Assessment Methods		Time	Assessment Grades	Weight%
Class Work	Individual and Group Assignments	All over the semester	10	10%
	Participation (Tasks, project, research, Reports)		10	10%
	Quizzes	All over the semester	10	10%
Mid-term		Week 8	20	20%
Sub-Total			50	50%
Final Exam		Weeks 14-15	50	50%
Total			100	100%

CXXVII. References

Course Notes	Lecture slides are available on the Students Learning Management System (Moodle).
Essential Textbooks	- Andrew Walter and Gautem Sen, Analyzing the Global Political Economy, Princeton University Press, 2009.
Extra Recommended Books	-Paul Krugman and Maurice Obstfeld, International Economics: Theory and Policy. Addison-Wesley, 2003.
Online Web Sites	1) http://www.erf.org.eg 2) http://www.meeaweb.org/ 3) http://www.mesa.arizona.edu 4) http://cnn.com/WORLD/meast 5) http://www.bp.com/worldenergy/

CXXVIII. Facilities required for teaching and learning

Facility	Lecture	Class	Lab	Admin
White Board	√	√		
PC/Laptop	√	√		
Data-Show	√	√		
Laser Pointer				
Internet	√	√		
Printer				
Copier				
Moodle	√	√		
Zoom				
Software Packages				
Laboratories				

Course coordinator	Head of the Department
<u>Name:</u> Dr. Hossam Shehata	<u>Name:</u> Prof. ALtakra ELsayed Hemaya
<u>Signature:</u> Hossam Shehata	<u>Signature:</u> ALtakra ELsayed Hemaya

Date: 10/2023

Date: 10/2023

Course Specification

CXXIX. Basic Information

Course Code	ECO 422	Course Name	Graduation Project
Level/ semester	4 /2	Specialization	Economics
Department Offering the Course	Economics		
Credit Hours	<i>Credit Hours</i>		
	Total Credit Hours	Theoretical	Tutorial
	3	3	-
	<i>Contact Hours</i>		
Contact Hours			
	Theoretical	Tutorial	Laboratory
	3	3	-
Course Prerequisite(s)	ECO 414/ HM009		
Approval Date Of course Specification	10/ 2023		

CXXX. Course Contents

In this course, students work individually or in teams on original research in their area of interest to prepare a written graduation project and dissertation, in accordance with the scientific research methodology, under the supervision of the faculty staff. During the semester, students should involve in seminars to follow the progress on the graduation project (dissertation). The evaluation of the project will be done through oral presentation and discussion.

CXXXI. Course Aims

Upon successful completion of the course the student will be able to:

- Explore the integration of quantitative and qualitative methods in research, master data collection techniques, develop confidence in handling information, and construct impactful academic projects.

CXXXII. Program ILOs Covered by the Course

Program ILOs Covered by the Course			
Knowledge and Understanding	Intellectual Skills	Practical / Professional Skills	General and Transferable Skills
K3, K5, K6, K9, K10, K11, K12	I1, I2, I3, I4, I5, I6, I7, I9	P3, P4, P9, P11, P12, P13, P14	G1, G2, G3, G6, G8, G10

CXXXIII. Course Intended Learning Outcomes (ILOs)

The Intended Learning Outcomes (ILOs) are listed under four headings:

a. Knowledge and Understanding

On completing the course, the student should be able to:

- a1. Demonstrate a thorough grasp of microeconomic and macroeconomic principles relevant to their chosen research topic.
- A2. Gain proficiency in quantitative and qualitative research methods used in economics, including econometrics, data analysis, and case studies.
- A3. Understand the sources and limitations of economic data used in research.
- A4. Identify the major economic debates and policy challenges facing the world today.

b. Intellectual Skills

On completing the course, the student should be able to:

- b1- Evaluate existing economic literature, identify research gaps, and formulate original research questions.

b2- Gain proficiency in conducting independent research, including effectively searching for academic databases, critically evaluating sources, and synthesizing information from various disciplines.

c. Practical / Professional Skills

On completing the course, the student should be able to:

- c1- identify relevant research in your chosen field and pinpoint areas where further investigation is needed.
- c2- Apply academic understanding to research topics, whether within a specific discipline or across different fields.
- c3. Utilize various methods for collecting data and analyzing it.

d. General and Transferable Skills

On completing the course, the student should be able to:

- d1 - adhere to ethical research guidelines, ensuring informed consent, fair treatment of participants, and responsible data collection and analysis.
- d2 - Enhance proficiency in writing, oral communication, teamwork, and leadership capabilities.

CXXXIV. Course Contents Distribution

Weak.	Course Topics	Teaching Hours	
		Lec.	Tut.
1	Project initiation	3	
2	Literature Review	3	
3-4	Proposal	6	
5	Presentation	3	
6	Field research: Dos and Don'ts	3	
7	Review of Chapter 1	3	

8	Follow up	3	
9	Review of Chapter 2	3	
10	Quantitative and Qualitative Data Gathering Techniques	3	
11	How to relate the Chosen Methodology to the Data Gathering Technique	3	
12	Using Eviews	3	
13	Review of Chapter 3	3	
14	Follow up	3	
15	Final Exam		

CXXXV. Course Matrix Content

Main Topic	Course ILOs Covered by Topic (By ILO Code)			
	K.U.	I.S	P.P.S.	G.T. S
Project initiation	A1	B2	C2	
Literature Review	A1	B1	C1	D1
Proposal	A1, A2, A3	B1, b2	C1, c2	D1
Presentation				
Field research: Dos and Don'ts	A1	B2	C2	D2
Review of Chapter 1	A1, a4	B1, B2	C1, c2	D1, d2
Follow up				
Review of Chapter 2	A1, A4	B1, B2	C1, c2	D1, d2
Quantitative and Qualitative Data Gathering Techniques	A2, A3	B2	C3	

How to relate the Chosen Methodology to the Data Gathering Technique	A2, A3	B2	C3	
Using Eviews	A2	B2	C3	
Review of Chapter 3	A1-A4	B1, B2	C1, c2, c3	D1, D2
Follow up				
<ul style="list-style-type: none"> • K.U.: Knowledge and Understanding • I.S: intellectual skills. • P.P.S.: Practical / Professional Skills. • G.T. S: General and Transferable Skills. 				

CXXXVI. Teaching and Learning Methods

Teaching and Learning Methods	Selected Methods	Course ILOs			
		Knowledge and Understanding Skills	Intellectual Skills	Practical / Professional Skills	General and Transferable Skills
Interactive Lectures	√	√	√		√
Discussion	√	√	√		√
Brainstorming	√	√	√		√
Case study					
Problem Solving					
Self-Learning: workshops- Projects - Research – Reports – assignments – presentations	√	√	√	√	√
hybrid (Blended) education (if applied)					
Modeling – simulation – role play					
Demonstrations					
Practical (lab) / applications					
Asynchronous Learning (PDF, PowerPoint, Lecture videos)	√	√	√		

CXXXVII. Teaching and Learning Methods for special needs:

Academic Advising - additional Office Hours – concentrated Lecture – Asynchronous Learning.

CXXXVIII. Assessment Methods – ILOs Matrix

Assessment Methods		Course ILOs			
		Knowledge and understanding	Intellectual Skills	Practical / Professional Skills	General and Transferable Skills
Class Works	Individual and Group Assignments				
	Tasks and Reports	A1-a4	B1-B2	C1 – C3	D1, D2
	Quizzes				
written	Mid term				
	Final Exam	A1 – a4	B1, B2		

CXXXIX. Grade and weight of assessments

Assessment Methods		Time	Assessment Grades	Weight %
Class Work	Individual and Group Assignments	All over the semester		
	Participation (Tasks, project, Reports)		50	50%
	Lab Test			
	Presentation	All over the semester	10	10%
Mid-term				
Sub-Total			50	50%
Research Paper			30	
Presentation			20	
Sub- total of Final Discussion			50	50%
Total			100	100%

XIII. References

Course Notes	
Essential Textbooks	
Extra Recommended Books	
Online Web Sites	

XIV. Facilities required for teaching and learning

Facility	Lecture	Class	Lab	Admin
White Board	✓			
PC/Laptop	✓			
Data-Show	✓			
Laser Pointer				
Internet	✓			
Printer	✓			
Copier				
McGraw-Hill Connect				
Moodle	✓			
Zoom				
Software Packages	✓			
Laboratories				

Course coordinator	Head of the Department
<u>Name:</u> Dr. Engy Raouf Abdelfatah	<u>Name:</u> Prof. ALtakra ELsayed Hemaya
<u>Signature:</u> Engy Raouf Abdelfatah	<u>Signature:</u> ALtakra ELsayed Hemaya
<u>Date:</u> 10/2023	<u>Date:</u> 10/2023

Course Specification

CXL. Basic Information

Course Code	ECO423	Course Name	Welfare economics			
Level/ semester	4 /2	Specialization	Economics			
Department Offering the Course	Economics					
Credit Hours	Credit Hours					
	Total Credit Hours	Theoretical			Tutorial	Laboratory
		3	3	1	-	
	Contact Hours					
	Contact Hours	Theoretical			Tutorial	Laboratory
		4	3	1	-	
	Course Prerequisite(s)					
Approval Date Of course Specification	10/2023					

CXLI. Course Contents

The aim of the subject is to acknowledge students with the theories and issues of welfare, principles and methods of the analysis of welfare economics. Emphasis is placed on understanding of multidimensional welfare state concept, its development and measurement. The course consists of the fundamentals of welfare theory and its application to policy. Students study main welfare concepts and social choices theories, models of economic exchange and production, uncertainty, optimality, public goods, social improvement criteria, quality of life in nation and its measurement, theories of implementation and economic and political mechanisms design.

CXLII. Course Aims

Upon successful completion of the course the student will be able to:

acknowledge students with the theories and issues of welfare, principles and methods of the analysis of welfare economics.

CXLIII. Program ILOs Covered by the Course

Program ILOs Covered by the Course			
Knowledge and Understanding	Intellectual Skills	Practical / Professional Skills	General and Transferable Skills
K3,K4,K7,K11,K12	I1,I8,I9	P2,P5,P8,P11,P14,P15	G1, G2, G3, G5, G9,G10,G11

CXLIV. Course Intended Learning Outcomes (ILOs)

The Intended Learning Outcomes (ILOs) are listed under four headings:

a. Knowledge and Understanding

On completing the course, the student should be able to:

- a1. identify knowledge of an area of study built on the basis of general secondary education, and while it relies on some advanced textbooks it also includes some aspects coming from the forefront of its field of study.
- a2. discuss their knowledge to their work or vocation in a professional way and they should have building arguments and problem resolution skills within their area of study.
- a3. collect and interpret relevant data (usually within their area of study) in order to make statements that reflect social, scientific or ethic relevant issues.
- a4. capable of communicating information, ideas, problems and solutions to both specialized and non-specialized audiences.
- a5. develop the necessary learning skills to undertake further training with a high degree of autonomy.

b. Intellectual Skills

On completing the course, the student should be able to:

- b1. analyze the motivation for and the sense of public policies.
- b2. explain the operation of the labor market and the elements that are specific to it.
- b3. demonstrate thorough understanding of the most important theories of economic development.
- b4. analyze economic facts and policies in relation to economic development.
- b5. demonstrate thorough understanding of concepts related to international trade.
- b6. use theoretical models to analyses open macroeconomics.

c. Practical / Professional Skills

On completing the course, the student should be able to: Specifically, ability to:

- c1. formulate recommendations of economic policy that improve efficiency and equity in market operations.
- c2. Apply the environmental and social impacts associated with economic activity.
- c3. Assess the economic agents that make up an economy, understanding how they have been interrelated to date, how they are currently interrelated and forecast futures according to new circumstances and their influence on a specific company.
- c4. evaluate the positive contributions that companies make to society, developing socially responsible management, encouraging the development of objective instruments that allow for the measurement and valuation of such contributions.
- c5. Estimate conflicts of interest and in particular conflicts involving proposals for the fair distribution of value generated.

d. General and Transferable Skills

On completing the course, the student should be able to:

- d1. experience with conceptual frameworks effective for problem solving and decision making.
- d2. acquire analytical reasoning skills, numeric and clear effective communication skills.
- d3. test the ability of students to work under pressure and as part of a team.

CXLV. Course Contents Distribution

Weak.	Course Topics	Teaching Hours	
		Lec.	Tut.
1-2	1. Introduction to Welfare economics: some basic concepts, problems of definition and measurement 2. Origin of welfare state. Welfare state models	6	2
3-4	3. Markets and basic conditions of Pareto efficiency 4. State and markets: market failures and public sector	6	2
5-6	5. Public goods 6. Social justice and the state, social welfare function	6	2
7	Well-being in nation and its measurement	3	1
8	Mid Term exam		
9	Income and subjective well-being. The paradox of happiness	3	1
10-11	10. Poverty and inequality in the modern welfare state: concepts and measurement	6	2

	11. Insurance and social insurance: theory, practice and contemporary challenges		
12-13	12. Pension economics: types of pensions, methods of financing, reform issues 13. Benefits in kind: health and health care, education	6	2
14	Revision		
15-16	Final Exam		

CXLVI. Course Matrix Content

Main Topic	Course ILOs Covered by Topic (By ILO Code)			
	K.U.	I.S	P.P.S.	G.T. S
1. Introduction to Welfare economics: some basic concepts, problems of definition and measurement	a1,a2, a3,a4	b1,b2		d2
2. Origin of welfare state. Welfare state models				
3. Markets and basic conditions of Pareto efficiency	a2, a3& a4	b3		d1,d2
4. State and markets: market failures and public sector				
5. Public goods	a1	b1, b2	c1,c2	
6. Social justice and the state, social welfare function				
Well-being in nation and its measurement	a1, a2	b2, b3	c1,c3	
Income and subjective well-being. The paradox of happiness	a1, a2	b1, b2, b4	c1,c2& c3	
10. Poverty and inequality in the modern welfare state: concepts and measurement	a2, a3	b2, b3	c2	d1&d2
11. Insurance and social insurance: theory, practice and contemporary challenges				
12. Pension economics: types of pensions, methods of financing, reform issues	a2, a3	b1, b2, b4, b5, b6	c1, c2& c3	d1, d2&d3
13. Benefits in kind: health and health care, education				
<ul style="list-style-type: none"> • K.U.: Knowledge and Understanding • I.S: intellectual skills. • P.P.S.: Practical / Professional Skills. • G.T. S: General and Transferable Skills. 				

CXLVII. Teaching and Learning Methods

Teaching and Learning Methods	Selected Methods	Course ILOs			
		Knowledge and Understanding Skills	Intellectual Skills	Practical / Professional Skills	General and Transferable Skills
Interactive Lectures	√	√	√		√
Discussion	√	√	√		√
Brainstorming	√	√	√		√
Case study					
Problem Solving	√	√	√	√	√
Self-Learning: workshops- Projects - Research – Reports – assignments – presentations					
hybrid (Blended) education (if applied)					
Modeling – simulation – role play					
Demonstrations					
Practical (lab) / applications					
Asynchronous Learning (PDF, PowerPoint, Lecture videos)	√	√	√		

CXLVIII. Teaching and Learning Methods for special needs:

**Academic Advising - additional Office Hours – concentrated Lecture –
Asynchronous Learning.**

CXLIX. Assessment Methods – ILOs Matrix

Assessment Methods		Course ILOs			
		Knowledge and understanding	Intellectual Skills	Practical / Professional Skills	General and Transferable Skills
Class Works	Individual and Group Assignments		b2, b3, b4	c1, c2	
	Tasks and Reports				
	Quizzes	a1-a4	b1, b3	c1,c2	
written	Mid term	a1-a4	b1	c2	
	Final Exam	a1-a4	b1, b2, b3	c1, c2	D1, d2

CL. Grade and weight of assessments

Assessment Methods		Time	Assessment Grades	Weight %
Class Work	Individual and Group Assignments	All over the semester		
	Participation (Tasks, project, Reports)		10	10%
	Lab Test			
	Quizzes	All over the semester	20	20%
Mid-term		Week 8	20	20%
Sub-Total			50	50%
Final Exam		15-16	50	50%
Total			100	100%

CLI. References

Course Notes	Lecture slides are available on the Students Learning Management System (Moodle).
Essential Textbooks	<p>1. Barr, N. (2012). Economics of the Welfare State. Oxford University Press.</p> <p>2. Weston, P. E., Townsend, R. N. (2009). Welfare Economics. New York: Nova Science Publishers.</p> <p>.</p>
Extra Recommended Books	Svallfors, S. (2012). Contested Welfare States: Welfare Attitudes in Europe and Beyond. Stanford University Press
Online Web Sites	<p>1. www.fao.org</p> <p>2. http://mises.org/Books/Mengerprinciples.pdf</p> <p>3. www.uv.es</p> <p>4. http://www.econlib.org/library/Marshall/marP2.html</p>

CLII. Facilities required for teaching and learning

Facility	Lecture	Class	Lab	Admin
White Board	✓	✓		
PC/Laptop	✓	✓		
Data-Show	✓	✓		
Laser Pointer				
Internet	✓	✓		
Printer				
Copier				
McGraw-Hill Connect				
Moodle	✓	✓		
Zoom				
Software Packages				
Laboratories				

Course coordinator	Head of the Department
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<u>Name:</u> Dr. Engy Raouf Abdelfatah	<u>Name:</u> Prof. ALtakra ELsayed Hemaya
<u>Signature:</u> Engy Raouf Abdelfatah	<u>Signature:</u> ALtakra ELsayed Hemaya
<u>Date:</u> 10/2023	<u>Date:</u> 10/2023

Course Specification

CLIII. Basic Information

Course Code	ECO425	Course Name	Agriculture economics		
Level/ semester	4 /2	Specialization	Economics		
Department Offering the Course	Economics				
Credit Hours	Credit Hours				
	Total Credit Hours	Theoretical	Tutorial	Laboratory	
		3	3	1	-
	Contact Hours				
	Contact Hours	Theoretical	Tutorial	Laboratory	
		4	3	1	-
Course Prerequisite(s)	ECO 306-ECO309				
Approval Date Of course Specification	10/2023				

CLIV. Course Contents

This course focuses on the economics of agricultural production and the decisions taken by the farmer and by the food markets dictating the pricing structure for agricultural products. It also emphasizes the reasons behind changes in supply, the agricultural land ownership structure and schemes behind agricultural marketing. This course assists students to acquire theoretical models that will help in analyzing agricultural prices,

demand and supply, and the linkage between the agricultural sector and other nonagricultural sectors in the Egyptian market. Course Goals:

1. Outline various economic theories related to agricultural economic with special emphasis on developing countries.
2. Identify economic facts related to decision making and production in agricultural economics such as agricultural problems in developing countries, the role of agriculture in economic development, and the prime movers of agricultural development and constraints.
3. Estimate and analyze economic variables both in theory and practice. Develop mathematical, graphical, and research skills in understanding microeconomics.
4. Specify the characteristics and performance of Egyptian agriculture and the agricultural reform policy in Egypt.
5. Begin to understand the ways in which different areas of Economics relate to one another.
6. Appraise how the laws of Economics are developed along with the relevance of Economics to society.

Upon successful completion of the course the student will be able to:

acquire necessary theoretical and analytical skills to optimize the agricultural production and analyze the financial health of any farm for possible progress towards maximization of profit.

CLV. Program ILOs Covered by the Course

Program ILOs Covered by the Course			
Knowledge and Understanding	Intellectual Skills	Practical / Professional Skills	General and Transferable Skills
K1, K2, K3, K5, K8, K9	I1, I2, I3, I5, I7	P1, P2, P3, P7, P10, P11, P12, P13, P15	G1, G3, G4, G8

CLVI. Course Intended Learning Outcomes (ILOs)

The Intended Learning Outcomes (ILOs) are listed under four headings:

a. Knowledge and Understanding

On completing the course, the student should be able to:

- a1. Outline how economic forces impact agricultural production and the food chain, the rural economy, and how markets work (or sometimes do not work) to co-ordinate economic activity.
- a2. Identify issues that arise when considering the likely economic impact of government intervention, and of the framework and constraints, within which policy is formulated.
- a3. Recognize the wider economic and social implications of processes of economic development in agriculture.
- a4. Identify Egyptian Agricultural economic policies and their tools

b. Intellectual Skills

On completing the course, the student should be able to:

- b1. Analyze contemporary agricultural and economic development issues.
- b 2. Interpret the importance of agricultural development within overall development strategies and policies at the national and international levels.
- b3. Interpret the role of agriculture in processes of economic development within the context of low and middle-income countries.
- b4. Examine the role and impact of government intervention.
- b5. Subdivide the plan and execution of a research project.
- b6. Develop skills in oral and written communication of agriculture and economic development issues

c. Practical / Professional Skills

On completing the course, the student should be able to: Specifically, ability to:

- c 1. Prepare analytical methods, theory based and model based arguments.
- c2. Dramatize on government policies related to agriculture food supply, food production, and the rural economy.
- c 3. Construct a SWOT analysis of farm production and financial plans for agribusiness.

- c 4. Use and construct a sound knowledge of core economic theory.
- c 5. Use quantitative skills in understanding economic integration such as trade gravity models

d. General and Transferable Skills

On completing the course, the student should be able to:

- d1. Experience with conceptual frameworks effective for problem solving and decision making.
- d2. Acquire analytical reasoning skills, numeric and clear effective communication skills.
- d3. Test the ability of students to work under pressure and as part of a team.

CLVII. Course Contents Distribution

Weak.	Course Topics	Teaching Hours	
		Lec.	Tut.
1-2	Introductory lecture and course outline - Agriculture and food sector General overview	6	2
3-4	The meaning of development and the economic characteristics of developing countries and the agricultural problems of developing countries such as Egypt.	6	2
5-6	The historical role of agriculture in the economic development of the Middle East with specific focus on Egypt and other developing countries. - Agriculture in economic development theories such as the growth stage theories and dual economy models.	6	2
7	Conducting a business plan for agribusiness projects. - From Agriculture and agro-good to agri-business	3	1
8	Mid Term exam		
9	Marketing plan for Agri-business companies	3	1
10-11	Models of agricultural development, the concept of integrated rural development and agricultural extension. - Cost structure for the food system .	6	2
12-13	Financial plan for Agri-business companies - Farming systems research. The marketing of agricultural and food products in developing countries (Egypt) - Agricultural planning: identification, preparation and evaluation of agricultural development projects.	6	2
14	Revision		

15-16 Final Exam

CLVIII. Course Matrix Content

Main Topic	Course ILOs Covered by Topic (By ILO Code)			
	K.U.	I.S	P.P.S.	G.T. S
Introductory lecture and course outline - Agriculture and food sector General overview.	a1,a2, a3,a4	b1,b2		d2
The meaning of development and the economic characteristics of developing countries and the agricultural problems of developing countries such as Egypt.	a2, a3& a4	b3		d1,d2
The historical role of agriculture in the economic development of the Middle East with specific focus on Egypt and other developing countries.	a1	b1, b2	c1,c2	
Conducting a business plan for agribusiness projects. - From Agriculture and agro-good to agri-business	a1, a2	b2, b3	c1,c3	
Marketing plan for Agri-business companies	a1, a2	b1, b2, b4	c1,c2& c3	
Models of agricultural development, the concept of integrated rural development and agricultural extension. - Cost structure for the food system .	a2, a3	b2, b3	c2	d1&d2
Financial plan for Agri-business companies - Farming systems research. The marketing of agricultural and food products in developing countries (Egypt) - Agricultural planning: identification, preparation and evaluation of agricultural development projects.	a2, a3	b1, b2, b4, b5, b6	c1, c2& c3	d1, d2&d3

- **K.U.: Knowledge and Understanding**
- **I.S: intellectual skills.**
- **P.P.S.: Practical / Professional Skills.**
- **G.T. S: General and Transferable Skills.**

CLIX. Teaching and Learning Methods

Teaching and Learning Methods	Selected Methods	Course ILOs			
		Knowledge and Understanding Skills	Intellectual Skills	Practical / Professional Skills	General and Transferable Skills
Interactive Lectures	√	√	√		√
Discussion	√	√	√		√
Brainstorming	√	√	√		√
Case study					
Problem Solving	√	√	√	√	√
Self-Learning: workshops- Projects - Research – Reports – assignments – presentations					
hybrid (Blended) education (if applied)					
Modeling – simulation – role play					
Demonstrations					
Practical (lab) / applications					
Asynchronous Learning (PDF, PowerPoint, Lecture videos)	√	√	√		

CLX. Assessment Methods – ILOs Matrix

Assessment Methods		Course ILOs			
		Knowledge and understanding	Intellectual Skills	Practical / Professional Skills	General and Transferable Skills
Class Works	Individual and Group Assignments		b2, b3, b4	c1, c2	
	Tasks and Reports				
	Quizzes	a1-a4	b1, b3	c1,c2	
written	Mid term	a1-a4	b1	c2	
	Final Exam	a1-a4	b1, b2, b3	c1, c2	D1, d2

CLXI. Grade and weight of assessments

Assessment Methods		Time	Assessment Grades	Weight %
Class Work	Individual and Group Assignments	All over the semester		
	Participation (Tasks, project, Reports)		10	10%
	Lab Test			
	Quizzes	All over the semester	20	20%
Mid-term		Week 8	20	20%
Sub-Total			50	50%
Final Exam		15-16	50	50%
Total			100	100%

XV. References

Course Notes	Lecture slides are available on the Students Learning Management System (Moodle).
Essential Textbooks	1. F. Ellis Ellis, Peasant Economics: Farm Households and Agrarian Development. Cambridge University Press, 1998.

	2.K. Carl and M. John. International Agricultural Development. Baltimore M.D., The Johns Hopkins University Press, 1998.
Extra Recommended Books	<p>M. Gillis (et al.), Economies of Development. W.W. Norton & Company, New York, 1999.</p> <p>M. Todaro and S. Smith, Economic Development, Addison Wesley, 2012.</p> <p>M. Upton, The Economics of Tropical Farming Systems, Cambridge University Press-cutting themes, 1996</p>
Online Web Sites	<p>1.www.fao.org</p> <p>2.http://mises.org/Books/Mengerprinciples.pdf</p> <p>3.www.uv.es</p> <p>4.http://www.econlib.org/library/Marshall/marP2.html</p>

XVI. Facilities required for teaching and learning

Facility	Lecture	Class	Lab	Admin
White Board	✓	✓		
PC/Laptop	✓	✓		
Data-Show	✓	✓		
Laser Pointer				
Internet	✓	✓		
Printer				
Copier				
McGraw-Hill Connect				
Moodle	✓	✓		
Zoom				
Software Packages				
Laboratories				

Course coordinator	Head of the Department
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<u>Name:</u> Dr. Engy Raouf Abdelfatah	<u>Name:</u> Prof. ALtakra ELsayed Hemaya
<u>Signature:</u> Engy Raouf Abdelfatah	<u>Signature:</u> ALtakra ELsayed Hemaya
<u>Date:</u> 10/2023	<u>Date:</u> 10/2023

Course Specification

CLXII. Basic Information

Course Code	Eco 425	Course Name	Information economics		
Level/ semester	4 /2	Specialization	Economics		
Department Offering the Course	Economics				
Credit Hours	Credit Hours				
	Total Credit Hours	Theoretical	Tutorial	Laboratory	
		3	3	1	-
	Contact Hours	Contact Hours			
		Theoretical	Tutorial	Laboratory	
		4	3	1	-
	Course Prerequisite(s)	ECO 101-ECO102-IST202			
Approval Date Of course Specification	10 /2023				

CLXIII. Course Contents

The key objective of this course is to emphasize the concepts of information economics as business activities developed in the knowledge-based society which involve acquisition, stocking and processing of great amounts of information, which is nowadays generated and produced, bought and sold just as other goods. In this course, students acquire basic knowledge concerning different aspect of data use and processing in commercial and public institutions, how to evaluate data and information, how to implement the market objectives by using information economics. The course

also covers, the economics of ICT, definitions and foundations, economic fundamentals of the knowledge society, the economic aspects of information products, the economic analysis of economic patents, the economics of internet and E-commerce, and the economics of information asymmetry.

CLXIV. Course Aims

Upon successful completion of the course the student will be able to:

This course explores information economics, analyzing its economic value, evaluating data quality, and applying principles to achieve market objectives in a knowledge-based society.

CLXV. Program ILOs Covered by the Course

Program ILOs Covered by the Course			
Knowledge and Understanding	Intellectual Skills	Practical / Professional Skills	General and Transferable Skills
K3, K7, K11	I3, I8	P3, P12, P13	G6, G9, G11

CLXVI. Course Intended Learning Outcomes (ILOs)

The Intended Learning Outcomes (ILOs) are listed under four headings:

a. Knowledge and Understanding

On completing the course, the student should be able to:

- A1. Identify the core concepts of information economics in a knowledge-based society.
- A2. Describe the economic fundamentals of the knowledge society.
- A3. Discuss the economic principles governing the internet and e-commerce.
- A4- state the economic situation of information sector in Egypt.
- A5. Identify the roles of the government in the Egyptian economy and economic policy making process.

b. Intellectual Skills

On completing the course, the student should be able to:

- B1- Evaluate the economic impact of information and communication technologies (ICT).
B2. Analyze the economic effects of information asymmetry on markets.

c. Practical / Professional Skills

On completing the course, the student should be able to: Specifically, ability to:

- C1- Design strategies for utilizing information economics principles to achieve specific market objectives.
C2. Apply economic analysis to assess the value of information products and services.
C3. Assess potential applications of information economics concepts in various industries.

d. General and Transferable Skills

On completing the course, the student should be able to:

- d1- Develop critical thinking skills to analyze economic issues related to information and knowledge.
d2. Enhance research and information literacy skills for effective information gathering and analysis.
d3. Improve communication skills to effectively present and explain economic concepts related to information. Course Contents Distribution

Weak.	Course Topics	Teaching Hours	
		Lec.	Tut.
1	An introduction to information economics	3	
2-3	Knowledge economy	6	
4	Knowledge economy in Egypt	3	
5-6	E-commerce	2	
7	E-commerce: An application to the Egyptian economy	3	
8	Mid Term exam		
9	Human capital with application to the Egyptian Economy	6	
11	ICT and labor market	3	
12	ICT and labor market in Egypt	3	
13-14	The impact of information and news on the stock market	6	
15-16	Final Exam		

CLXVII. Course Matrix Content

Main Topic	Course ILOs Covered by Topic (By ILO Code)			
	K.U.	I.S	P.P.S.	G.T. S
An introduction to information economics	a1, a2		C3	
Knowledge economy	a1, a2	B1- b2		D1
Knowledge economy in Egypt	a1, a2	b1	C1- C3	D1, D2
E-commerce	a1, a2, a3	b1	C2	
E-commerce: An application to the Egyptian economy	A4, a5	b1	C1- C3	D2, D3
Human capital with application to the Egyptian Economy	a1, A2, a4, a5	b2	C1, C2	d1, D3
ICT and labor market	A1, A2, A3	B1	C2	D2, d3
ICT and labor market in Egypt	A4, A5	B1, B2	C1, C2	D2, d3
The impact of information and news on the stock market	A1, a2	B2	C1-c3	D1, D1
<ul style="list-style-type: none"> • K.U.: Knowledge and Understanding • I.S: intellectual skills. • P.P.S.: Practical / Professional Skills. • G.T. S: General and Transferable Skills. 				

CLXVIII. Teaching and Learning Methods

Teaching and Learning Methods	Selected Methods	Course ILOs			
		Knowledge and Understanding Skills	Intellectual Skills	Practical / Professional Skills	General and Transferable Skills
Interactive Lectures	√	√	√		√
Discussion	√	√	√		√
Brainstorming	√	√	√		√
Case study	√	√	√	√	√
Problem Solving	√	√	√	√	√
Self-Learning: workshops- Projects - Research – Reports – assignments – presentations	√	√	√	√	√
hybrid (Blended) education (if applied)					
Modeling – simulation – role play					
Demonstrations					
Practical (lab) / applications					
Asynchronous Learning (PDF, PowerPoint, Lecture videos)	√	√	√		

CLXIX. Teaching and Learning Methods for special needs:

**Academic Advising - additional Office Hours – concentrated Lecture –
Asynchronous Learning.**

CLXX. Assessment Methods – ILOs Matrix

Assessment Methods		Course ILOs			
		Knowledge and understanding	Intellectual Skills	Practical / Professional Skills	General and Transferable Skills
Class Works	Individual and Group Assignments		B1 – B2	C1, c2	D1 - D2
	Tasks and Reports	A3 -A5		C2, C3	D1-D3
	Quizzes	A1-A5	B1		
written	Mid term	A1-A5	B1- B2		
	Final Exam	A1-A5	B1 – B2		

CLXXI. Grade and weight of assessments

Assessment Methods		Time	Assessment Grades	Weight%
Class Work	Individual and Group Assignments	All over the semester	10	10%
	Participation (Tasks, project, research, Reports)		10	10%
	Quizzes	All over the semester	10	10%
Mid-term		Week 8	20	20%
Sub-Total			50	50%
Final Exam		Weeks 14-15	50	50%
Total			100	100%

CLXXII. References

Course Notes	Lecture slides are available on the Students Learning Management System (Moodle).
Essential Textbooks	Ines MachoStadler and J. David Perez Castrillo (2001), An Introduction to the Economics of Information Incentives and Contracts, Oxford University Press.
Extra Recommended Books	Yi-Cheng Zhang.(2017).” The Information Economy”.
Online Web Sites	https://www.researchgate.net/publication/312597255_The_Information_Economy

CLXXIII. Facilities required for teaching and learning

Facility	Lecture	Class	Lab	Admin
White Board	√	√		
PC/Laptop	√	√		
Data-Show	√	√		
Laser Pointer				
Internet	√	√		
Printer				
Copier				
Moodle	√	√		
Zoom				
Software Packages				
Laboratories				

Course coordinator	Head of the Department
<u>Name:</u> Dr. Hossam Shehata	<u>Name:</u> Prof. ALtakra ELsayed Hemaya
<u>Signature:</u> Hossam Shehata	<u>Signature:</u> ALtakra ELsayed Hemaya
<u>Date:</u> 10/2023	<u>Date:</u> 10/2023



Egyptian Russian University

Faculty of Management, Economics and Business Technology

