

Level 3

Semester 5

Course Specification 2023/2024

I. Basic Information

Course Code	ECO 305	Course Name	Economics of Public finance		
Level/ semester	3 /1	Specialization	All programs		
Department Offering the Course	Economics				
Credit Hours	Credit Hours				
	Total Credit Hours 3	Theoretical	Tutorial	Laboratory	
		3	1	-	
	Contact Hours 4	Contact Hours			
		Theoretical	Tutorial	Laboratory	
		3	1	-	
Course Prerequisite(s)	ECO 102				
Approval Date Of course Specification	10/2023				

II. Course Contents

This course mainly focuses on the interaction of economic sectors in the mixed economy and role of the state, and the circular flow between them. It emphasizes the economic basis for government activity, efficiency, market failure, externalities, public goods, and public choice. The course also covers the principles of government finance, the tax theory and the tax policy. The course also highlights the tradeoff between efficiency and equity as well as the distribution of income.

III. Course Aims

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

The course aims to integrate government spending and taxation analysis with economic theory, explore optimal taxation and policy impacts on behavior, and provide tools for evaluating public finance, political influences, and cost-benefit analysis.

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
K10, K11	I3, I4	P6, P8, P12, P13	G5, G6

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:

- a1. Discuss government interference in market economies.
- a2. identify quantitative methods for evaluating governments interference in economic activities.
- a3. Discuss the government's approach to solving problems and changing the status quo.

b. Intellectual Skills

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

- b1. evaluate alternatives of government interference.
- b2. Analyze how the government sets policies and how expenditure and tax policies affect individual behavior.

c. Practical / Professional Skills

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

- c1. apply quantitative techniques in analyzing government performance data.
- c2. Determine appropriate fiscal policy.

d. General and Transferable Skills

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

- d1. Acquire critical thinking and problem-solving techniques.
- d2. Gain Innovation and knowing how to work towards the result.

V.I Course Contents Distribution

Weak.	Course Topics	Teaching Hours	
		Lec.	Tut.
1	An introduction to public finance	3	1
2	Public budget	3	1
3	Market failure and government intervention	3	1
4 - 5	Public goods	6	2
6	Externalities and Government Policy	3	1
7	Public -debt	3	1
8	Mid Term exam		
9- 10	Follow - public debt	6	1
11	Public spending and revenues	3	1
12 -13	Taxation	6	2
14	Fiscal policy	3	1
15-16	Final Exam		

VI. Course Matrix Content

Main Topic	Course ILOs Covered by Topic (By ILO Code)			
	K.U.	IS	P.P.S.	G.T. S
An introduction to public finance	a1		c1, c2	
Public budget	a1, a3		c1	
Market failure and government intervention	a1, a2	b1	c1	
Public goods	a1, a2, a3	b1		d1
Externalities and Government Policy	a1	b2	c1	d1
Public debt	a3		c1	d2
Public spending and revenues	a2, a1			
Taxation	a1, a2, a3	b1,b2	c2	d1, d2

Main Topic	Course ILOs Covered by Topic (By ILO Code)			
	K.U.	I.S	P.P.S.	G.T. S
Fiscal policy	a2, a3	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. 				

VII. 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)	√	√	√		

VIII. Teaching and Learning Methods for special needs:

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

IX. 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	b1	c1, c2	d1:d2
	Tasks and Reports	a1:a3		c2	
	Quizzes	a1, a2, a3	b1	c1, c2	d1:d2
written	Mid term	a1, a2, a3	b1		
	Final Exam	a1, a2, a3	b1, b2		

X. 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 15-16	50	50%
Total			100	100%

XI. References

Course Notes	Lecture slides are available on the Students Learning Management System (Moodle).
Essential Textbooks	David N. Hyman. (2010). "Public Finance". 10 th Edition.
Extra Recommended Books	Richard Abel Musgrav, "Public Finance in Theory and Practice", 5th Edition, 1989
Online Web Sites	https://www.ekb.eg/

I. 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
Name: Dr. Hossam Shehata	Name: Prof. ALTahra ELsayed Hemaya
Signature: Hossam Shehata	Signature: ALTahra ELsayed Hemaya
Date: 10/2023	Date: 10/2023

Course Specification 2023/2024

I. Basic Information

Course Code	MGT305	Course Name	Managerial Finance and Investment		
Level/ semester	3 /1	Specializations	Accounting Business Analytics Business Technology Economics Finance Human Resource Management Management Management Information System Marketing		
Department Offering the Course	Business Administration				
Credit Hours	Credit Hours				
	Total Credit Hours 3	Theoretical	Tutorial	Laboratory	
		3	1	Zero	
	Contact Hours				
	Contact Hours 4	Theoretical	Tutorial	Laboratory	
		3	1	Zero	
Course Prerequisite(s)	Introduction to Management (MGT 101) Introduction to Microeconomics (ECO 101) Money and Banking (ECO 203) Intermediate Accounting 1 (ACC 204)				
Approval Date Of course Specification	10/2023				

II. Course Contents

This course intends to provide students with the role of modern financial theory in financial management and investment management used by professionals. The course will cover time value of money, financial ratios, security valuation, cost of capital, sources of long-term financing, long-term investment decisions, estimating cash flows, and performing sensitivity analysis. Also, this course provides the capital asset pricing model, using certain stock and bond valuation models, identify and calculating component costs of capital and the weighted average cost of capital.

III. Course Aims

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

1. Apply acquired finance knowledge and critical thinking skills to solve challenging firm problems and to deal with contemporary finance issues.
2. Equip students with conceptual knowledge and understanding of finance and investment fundamentals within their principles, concepts, theories, and skills to support corporate decision-making as well as corporate social responsibility that benefits society.
3. Equip students with business knowledge and Practical skills relevant for assessing all aspects of a proposed investment project, including technical, economic, financial, legal, and environmental considerations as well as opportunity costs to help choose the most viable alternative action

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
K.5	I.5	P.3,P.7	G.3, G.5, G.6, G.10

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:

- a1. Define different forms and types of firms and their distinctive features.
- a2. List recent developments and trends, and contemporary issues related to the field of finance and investment.
- a3. Describe the financial reporting, its users and their benefits.
- a4. Define different forms and types of time value of money
- a5. Identify methodologies and tools, and methods of measurement and analysis to the field of finance and investment.
- a6. Explain financial instruments.
- a7. Mention business ethics and professional practice in the field of finance and investment.

b. Intellectual Skills

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

- b1. Manipulate financial and nonfinancial information addition to ability to apply mathematical and statistical concepts.
- b2. Solve problem in the field of finance and investment. Using critical thinking, and analysis, synthesis.
- b3. Compare financial and investment policies and strategies.

c. Practical / Professional Skills

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

- c1. Apply the time value of money.
- c2. Criticize, distinguish, and discover the positive and negative elements of a firm's performance.
- c3. prepare and presentation capital budget.
- c4. Manage the Working Capital and prepare cash budget.
- c5. Estimate risk and return of securities and their fair value.

d. General and Transferable Skills

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

- d1. Deal positively with different situations in order to transform threats into opportunities.
- d2. Present ideas and views clearly, and express opinions in a scientific manner supported by evidences and objectivity.
- d3. Collect data and information about the economy, industry, firms and securities.
- d4. Use technical terms relevant to the finance and investment.

VI. Course Contents Distribution

Week	Course Topics	Teaching Hours	
		Lec.	Tut.
1	<ul style="list-style-type: none"> The conceptual framework and the objective of financial management and investment management Different forms and types of firms and their distinctive features 	3	0
2	<ul style="list-style-type: none"> The financial reporting, its users and their benefits – part (1) 	3	1
3	<ul style="list-style-type: none"> The financial reporting, its users and their benefits – part (2) 	3	1
4	<ul style="list-style-type: none"> Time value of money (TVM) 	3	1
5	<ul style="list-style-type: none"> Financial analysis – part (1) 	3	1
6	<ul style="list-style-type: none"> Financial analysis – part (2) 	3	1
7	<ul style="list-style-type: none"> The capital structure and cost of capital 	3	1
8	Mid Term exam		
9	<ul style="list-style-type: none"> Working Capital Management (WCM) 	3	1
10	<ul style="list-style-type: none"> Capital Budget 	3	1
11	<ul style="list-style-type: none"> Leverage analysis 	3	1
12	<ul style="list-style-type: none"> Financial instruments: risk returns 	3	1
13	<ul style="list-style-type: none"> Financial instruments: Pricing model 	3	1
14	<ul style="list-style-type: none"> Financial instruments: Fair value 	3	1
15-16	Final Exam		

VII. Course Matrix Content

Main Topic	Course ILOs Covered by Topic			
	K.U.	I.S	P.P.S.	G.T. S
▪ The conceptual framework and the objective of financial management and investment management	a1, a2,a7	b1, b2	-	d3, d4
▪ Different forms and types of firms and their distinctive features	a1	b1, b2	c2	d4
▪ The financial reporting, its users and their benefits	a3,a7	b1, b2	c2	d2
▪ Time value of money (TVM)	a4, a5	b1, b2	c1	d2
▪ Financial analysis	a3, a5	b1, b2	c2	d1,d2
▪ The capital structure and cost of capital	a2, a5	b1, b2,b3	c2	d2, d4
▪ Working Capital Management (WCM)	a2	b1, b2,b3	c1,c4	d2, d4
▪ Capital Budget	a4, a5	b1, b2,b3	c1,c3	d2, d3
▪ Leverage analysis	a2, a5	b1, b2	c2	d2, d4
▪ Financial instruments: Risk returns	a2, a4, a5,a6,a7	b1, b2,b3	c5	d1, d2, d3, 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. 				

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. 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-a7	b1-b3	c1-c5	d1-d4
	Tasks and Reports	a1-a7	b1-b3	c1-c5	d1-d4
	Quizzes	a1-a7	b1-b3	c1-c5	d1-d4
written	Mid term	a1 -a4	b1-b3	c1-c2	--
	Final Exam	a1-a7	b1-b3	c1-c5	--

X. 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	Not apply	zero	zero
	Quizzes	All over the semester	10	10%
Mid-term		Week 8	20	20%
Sub-Total			50	50%
Final Exam		Weeks 15-16	50	50%
Total			100	100%

II. References

Course Notes	Lecture slides are available on the Learning Management System (Moodle).
Essential Textbooks	<ul style="list-style-type: none"> ▪ Eugene F. Brigham & Joel F. Houston (2018) Fundamentals of Financial Management 15th Edition ▪ Frank K. Reilly, Keith C. Brown (2018), Investment Analysis and Portfolio Management, 11th edition, Cengage Learning ▪ Ross S., Westerfield R. and Jordan B. (2023) Essentials of Corporate Finance, 11th Edition, McGraw-Hill. ▪ Zutter, C. J., & Smart, S. B. (2019). Principles of managerial finance. London: Pearson.
Extra Recommended Books	<ul style="list-style-type: none"> ▪ Bodie, Z., Kane, A., & Marcus, A. (2021), Essentials of Investments, 12th edition; McGraw-Hill.
Online Web Sites	<p> https://www.ekb.eg/ https://www.egx.com.eg/ https://www.nyse.com/index https://www.nasdaq.com/ https://www.moex.com/en </p>

III. 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: Ass. Prof. Osama Wagdi	Name: Ass. Prof. Osama Wagdi
Signature: Osama Wagdi	Signature: Osama Wagdi
Date: 10/2023	Date: 10/2023

Course Specification 2023/2024

I. Basic Information

Course Code	MGT 306	Course Name	Entrepreneurship and small business		
Level/ Semester	3 /1	specialization	Business administration/accounting/economics		
Department Offering the Course	Business Administration				
Credit Hours	Credit Hours				
	Total Credit Hours 3	Theoretical	Tutorial	Laboratory	
		3	1	-	
	Contact Hours				
	Contact Hours 4	Theoretical	Tutorial	Laboratory	
		3	1	-	
Course Prerequisite(s)	MGT 101				
Approval Date of course Specification	10 / 2023				

II. Course Contents

This course is designed to help students evaluate the business skills and commitment necessary to successfully operate an entrepreneurial venture and review the challenges and rewards of entrepreneurship. Students will learn about themselves, their decisions, and their goals to determine how entrepreneurship can play a role in their lives. Students will also be introduced the concepts of environmentally sustainable practices. Students will also develop business plan, skills in written business communication and oral presentations, obtaining financing, marketing a product or service. This course also provides business and non-business knowledge with the skills necessary to succeed as an entrepreneur. The course also presents the principles and problems of organizing a small business, capital resources and requirements; forms of ownership, personal selling.

III. Course Aims

Upon successfully completing the course, students will be able to equip with essential entrepreneurial skills, covering sustainable practices, business planning, financing, marketing, and small business organization.

IV. 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
1/1, 1/3, 1/12	2/1, 2/2, 2/5, 2/9	3/1, 3/2, 3/3, 3/7, 3/10, 3/15	4/1, 4/2, 4/3, 4/4, 4/5, 4/6, 4/7, 4/8, 4/10

V. Course Intended Learning Outcomes (ILOs)

a. Knowledge and Understanding

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

- a1. Identify the role of small businesses in job creation, innovation, and economic diversity.
- a2. Explain the primary purposes of a business plan, such as guiding the business strategy, securing financing, and setting objectives and benchmarks.
- a3. Describe various marketing strategies and tools that are effective for small businesses.
- a4. Define the term intellectual property (IP) and explain its significance in protecting creative and innovative works.
- a5. Explain the advantages of forming a corporation, such as limited liability, ease of raising capital, and perpetual existence.
- a6. Discuss the internal growth strategies for entrepreneurial firms.
- a7. list the principles and techniques of personal selling.

b. Intellectual Skills

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

- b1. Analyze the Characteristics of Successful Entrepreneurs.

- b2. Evaluate the effectiveness of different marketing strategies and techniques for reaching target audiences.
- b3. Compare and contrast different entrepreneurial styles and approaches.
- b4. Analyze the impact of effective human resource management on employee satisfaction and business performance.
- b5. Evaluate the suitability of different legal forms of ownership for various types of businesses and industries

c. Practical / Professional Skills

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

- c1. Develop Strategies to Address Areas of Concern for Small Business Owners.
- c2. Create business plans that incorporate an understanding of market conditions, competitive analysis, and strategic planning.
- c3. Apply Knowledge of Small Business Dynamics in Real-World Scenarios.
- c4. Apply knowledge of intellectual property to develop strategies for protecting a firm's IP assets.
- c5. Execute a sample of business plan.

d. General and Transferable Skills

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

- d1. Manage time effectively.
- d2. Work with others as part of a team and can lead a team.
- d3. Enhance research and information-gathering skills to stay current with industry developments.
- d4. Enhance critical thinking and problem-solving abilities.
- d5. Cultivate effective communication skills for presentation.

VI. Course Contents Distribution

Weak.	Course Topics	Teaching Hours	
		Lec.	Tut.
1	Starting Your Small Business	3	1
2	Forms of Ownership of Small Businesses	3	1
3	Create, Buy or Franchise a Small Business	3	1
4			
5	How to Obtain and Manage Human Resources and marketing Strategies in Small business	3	1
6	Writing a Business Plan	3	1

Weak.	Course Topics	Teaching Hours	
		Lec.	Tut.
7	Revision	3	1
8	Mid-Term exam		
9	Building a New-Venture Team	3	1
10			
11	The Importance of Intellectual Property	3	1
12	Strategies for Firm Growth	3	1
13	personal selling	3	1
14	Revision	3	1
15-16	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
Starting Your Small Business <ul style="list-style-type: none"> * Name some of the unique contributions of small business. * Explain some of the current problems small businesses face. * Discuss some of the current trends * challenging entrepreneurs and small business owners. * Explain why people start small businesses. * Describe the characteristics of successful entrepreneurs. * Describe where the opportunities are for small businesses. * Identify some of the areas of concern for small business owners. 	a1	b1		
Forms of Ownership of Small Businesses <ul style="list-style-type: none"> * Name the legal forms of ownership a small business can have. * Explain the reasons for and against forming a proprietorship. * Explain the reasons for and against forming a partnership. * Explain the reasons for and against forming a corporation. * Discuss some other legal forms a business can take. 	a5	b5		

Main Topic	Course ILOs Covered by Topic (By ILO Code)			
	K.U.	I.S	P.P.S.	G.T. S
Create, Buy or Franchise a Small Business <ul style="list-style-type: none"> * Explain how to go into business for yourself. * Describe the steps involved in the procedure recommended for going into business. * Describe how to search for and identify a product needed by the public—that is, how to find your niche. * Decide whether to start a new business, buy an existing one, or buy a franchise. * Describe the growing opportunities in franchising. * Explain how to tell if a franchise is right for you. * Explain the future of franchising. 		b3		d4
How to Obtain and Manage Human Resources and marketing Strategies in Small business <ul style="list-style-type: none"> * Determine which human resources are needed. * Develop sources from which to recruit future employees, especially people from diverse groups. * Develop skills in human resource management for small businesses, focusing on recruitment, training, performance management, and fostering a positive workplace culture. * Formulate and execute effective marketing strategies tailored to small businesses, encompassing market research, target market identification, and the implementation of integrated marketing plans using traditional and digital channels. 	a3	b2,b4	c1	
Writing a Business Plan <ul style="list-style-type: none"> * Explain the purpose of a business plan. * Describe who reads a business plan and what they are looking for. * Discuss the guidelines to follow to write an effective business plan. * Identify and describe a suggested outline of a business plan. * Explain how to effectively present a business plan to potential investors. 	a2		c2,c3,c5	d2,d3, d5
Building a New-Venture Team <ul style="list-style-type: none"> * Explain the concept called liability of newness. * Describe a new-venture team and discuss the primary elements that form such a team. 	a4		c4	

Main Topic	Course ILOs Covered by Topic (By ILO Code)			
	K.U.	I.S	P.P.S.	G.T. S
<ul style="list-style-type: none"> * Identify professional advisers and explain their role with a new-venture team. * Explain why a new-venture team might use consultants to obtain advice. 				
Strategies for Firm Growth <ul style="list-style-type: none"> * Identify and discuss the core internal growth strategy for entrepreneurial firms. * Describe additional internal product-growth strategies entrepreneurial firms can use. * Examine international expansion as a growth strategy. * Discuss different types of external growth strategies. 	a6			
Personal Selling <ul style="list-style-type: none"> * Understand the principles and techniques of personal selling, including persuasive communication and customer relationship building. * Develop practical skills in personal selling to effectively promote products or services, enhance customer satisfaction, and achieve sales targets. 	a7			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. 				

VIII. 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)	√	√	√		

IX. Teaching and Learning Methods for special needs

(Office hours – extra lectures – asynchronous learning – academic advisor)

X. 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			c2,c3	d1, d3,d4
	Quizzes	a1,a2,a3,a4,a5,a6,a7	b4		d1
	Participation (Tasks, project,			c2,c3	d1,d2,d3,d4,d5

Assessment Methods		Course ILOs			
		Knowledge and understanding Skills	Intellectual Skills	Practical / Professional Skills	General and Transferable Skills
	research, case studies)				
Written Exam	Midterm Exam	a1,a2,a5	b1,b5	c3	d1,d4
	Final Exam	a1,a2,a3,a4,a5,a6,a7	b3,b4	c3	d1,d4

XI. 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, case studies)		10	10%
	Quizzes	All over the semester	10	10%
Mid-term		Week 8	20	20%
Sub-Total			50	50%
Final Exam		Weeks 15-16	50	50%
Total			100	100%

XII. References

Course Notes	Lecture slides are available on the Students Learning Management System (Moodle).
Essential Textbooks	Scarborough, M., & Cornwall, R. (2019). Essentials of Entrepreneurship and Small Business Management. NINTH EDITION, Global Edition.
Extra Recommended Books	Barringer, B. R., & Ireland, R. D. (2019). Successfully launching new ventures, sixth.

Online Web Sites

<https://www.ekb.eg/ar/home>

XIII. 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
Name: Dr. pancie salah saleh	Name: Ass. Prof. Osama Wagdy.
Signature: pancie salah saleh	Signature: Osama Wagdy.
Date: 10/2023	Date: 10/2023

Course Specification 2023/2024

I. Basic Information

Course Code	STA302	Course Name	Applied statistics			
Level/semester	3/1	Specialization	General business administration			
Department Offering the Course	Business Technology					
Credit Hours	Credit Hours					
	Total Credit Hours	Theoretical		Tutorial		Laboratory
		3		1		-
	Contact Hours	Contact Hours				
		Theoretical		Tutorial		Laboratory
		4		1		-
		3		1		-
Course Prerequisite(s)	STA201					
Approval Date Of course Specification	10 /2023					

II. Course Contents

The basic purpose of the course is to develop an understanding of statistical methods and use applied statistical models to social sciences in general, and in particular, for business administration and economics. The course covers (Confidence interval, Optimal Sample size -Chi-Squared test of independence - Hypothesis testing (t-test, F-test)- Analysis of Variance -Correlation- Regression). The course also familiarizes students with the use of statistical software program.

III. Course Aims

Upon successful completion of the course the student will be able to Collect and analysis data and writing reports, apply different statistical methods to estimate the population parameters; Estimate the relationship between variables using the correlation and regression models; and Analyze time series data.

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
1/5,1/6	2/1,2/4	3/2,3/4,3/11,3/13	4/1,4/2,4/3

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:

- a1. Explore and solve problems using various statistical formulas and probability theories.
- a2. explain different formulas in estimating population parameters.
- a3. Introduce the research problem and formulate research questions and hypothesis testing.
- a4. Explain and understand how to use and manage data for data analysis.
- a5. Explain and understand how to fit regression models.
- a6. Explain and understand how to predict using time series models.

b. Intellectual Skills

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

- b1. Analyze the real data and applications.
- b2. Interpret various problem-solving methods.

c. Practical / Professional Skills

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

- c1. compute the optimal sample size.

- c2. Discuss and apply statistical methods to design experiments, data management, and data analysis.
- c3. Demonstrate the statistical reasoning to formulate a problem in statistical terms and perform exploratory analysis of data.
- c4. estimate the confidence interval for the population parameters.
- c5. Test the independence of variables.
- c6. Test the hypotheses about the population parameters.
- c7. Compute and interpret the correlation coefficients.
- c8. Fit data using regression models.
- c9. Predict the future time series data.

d. General and Transferable Skills

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

- d1. Gain planning, analytical, communication and decision-making skills.
- d2. Develop capability of teamwork and collaborative behaviors
- d3. work independently and in teams.
- d4. Develop critical thinking, problem solving abilities and creativity.
- d5. use the internet to perform tasks.

VI. Course Contents Distribution

Weak.	Course Topics	Teaching Hours	
		Lec.	Tut.
1	➤ Optimal sample size: 1. to estimate the mean 2. to estimate the proportion	3	1
2	➤ Confidence interval: 1. to estimate the mean 2. to estimate the proportion	3	1
3	➤ Tests of hypotheses 1. about the mean	3	1
4	➤ Tests of hypotheses 2. about the proportion	3	1
5	➤ Chi-square test of independence	3	1
6	➤ Correlation 1. Pearson Correlation coefficient 2. Spearman Correlation coefficient	3	1
7	➤ Revision	3	1

Weak.	Course Topics	Teaching Hours	
		Lec.	Tut.
	➤ Exercises		
8	Mid Term exam		
9	➤ Simple linear regression ➤ Scatter plot ➤ Estimate the regression parameters. ➤ Applied examples	3	1
10	➤ Multiple linear regression 1. Scatter plot 2. Estimate the regression parameters. a. Applied examples	3	1
11	➤ Time series analysis. ➤ Plot the time series. ➤ Predict future observation. ➤ Applied examples.	3	1
12	➤ Statistical analysis using SPSS (statistical package for social science).	3	1
13	➤ Revision	3	
14	➤ General quiz	3	
15-16	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
➤ Optimal sample size: 1. to estimate the mean 2. to estimate the proportion	a1,a4	b1	c1,c2	d1,d3
➤ Confidence interval: 1. to estimate the mean 2. to estimate the proportion	a2	b1	c3,c4	d2,d3
➤ Tests of hypotheses 1. about the mean 2. about the proportion	a2,a3	b1, b2	c5,c6	d3,d4

Main Topic	Course ILOs Covered by Topic (By ILO Code)			
	K.U.	I.S	P.P.S.	G.T. S
3. Chi-square test of independence				
➤ Correlation and regression 1. Pearson Correlation coefficient 2. Spearman Correlation coefficient 3. Simple linear regression 4. Multiple linear regression.	a2,a5,a6	b1,b2	c7,c8c9	d2,d3, d5
<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:

extra lecture during office hour - Asynchronous Learning (PDF, PowerPoint, Lecture videos)

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	a1-a6	b1-b2	c1-c9	d1-d5
	Tasks and Reports	a1-a6	b1-b2	c1-c9	d1-d5
	Quizzes	a1-a6	b1-b2	c1-c9	-
	Mid term	a1-a3	b1	c1-c5	-
	Final Exam	a1-a6	b1-b2	c1-c9	-

XI. Grade and weight of assessments

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

IV. References

Course Notes	Lecture slides are available on the Students Learning Management System (Moodle).
Essential Textbooks	Hang Lee (2023): Foundations of Applied Statistical Methods, Springer Cham, USA.
Extra Recommended Books	Matthias Schonlau (2024): Applied Statistical Learning With Case Studies in Stata. Springer Cham, USA.
Online Web Sites	Probability and Statistics for Business and Data Science Udemy
Others (Specify)	None

V. 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. Samah Abo-elhadid	<u>Name:</u> Prof. ALtakra ELsayed Hemaya
<u>Signature:</u> Samah Abo-elhadid	<u>Signature:</u> ALtakra ELsayed Hemaya
<u>Date:</u> 10/2023	<u>Date:</u> 10/2023

Course Specification

XII. Basic Information

Course Code	ECO 306	Course Name	Microeconomics theory		
Level/ Semester	3 /1	Specialization	Economics		
Department Offering the Course	Economics				
Credit Hours	Credit Hours				
	Total Credit Hours 3	Theoretical	Tutorial	Laboratory	
		3	1	-	
	Contact Hours 4	Contact Hours			
		Theoretical	Tutorial	Laboratory	
		3	1	-	
Course Prerequisite(s)	Eco101				
Approval Date of course Specification	/ 10 /2023				

XIII. Course Contents

This course is designed to introduce students to microeconomic theory in a way to be able to analyze the behavior of individual agents. Since students are already familiar with the quantitative techniques, mathematical tools will be used to facilitate understanding the behavior of the consumer and the producer. The course covers, consumer behavior theory, the firm theory including production and costs in the short-run and in the long- run, the behavior of competitive firm: profit maximization and the price and quantity of output determination.

XIV. Course Aims

Upon successfully completing the course, students will be:

The course aims to equip students with the skills for lifelong learning in economics, applying microeconomic knowledge and quantitative techniques to analyze consumer behavior, market supply, and firm theory. It also focuses on production, cost analysis, and profit maximization in both short and long runs.

XV. 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
K10, K11	I3, I4	P6, P8, P12, P13	G5, G6

XVI. 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 concept of consumer choice and how individual choices under such conditions impact society.
- a2 Explain how supply and demand influence real-world economic situations.
- a3 Explain how market equilibrium maximizes both producer and consumer surplus.
- a4 Demonstrate how to make economic decisions by comparing marginal costs with marginal benefits to maximize profit.
- a5 Describe different market structures (e.g., perfect competition, monopoly) and their characteristics.

b. Intellectual Skills

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

- b1 Evaluate the influence of government policies (e.g., taxes, subsidies) on market behaviour.
- b2 Assess the conditions under which markets function efficiently and how they adapt to changing environments.

b3 Analyse various economic problems and make informed decisions within different market structures.

b4 Choose suitable quantitative and qualitative approaches to analyse basic economic issues.

c. Practical / Professional Skills

c1 Apply microeconomic theories to understand market price determination, efficiency, and fairness of the market system.

c2 Utilize economic analysis to predict future economic circumstances.

d. General and Transferable Skills

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

d1 Practice critical thinking techniques to solve economic problems.

d2 Develop project management and analytical skills.

d3 Work and lead a team.

XVII. Course Contents Distribution

week	Course Topic	Teaching hour	
		lecture	tutorial
1	Introduction, The Basics of Supply and Demand	3	1
2-5	Consumer choice	9	3
6-7	Market equilibrium, surplus and tax burden	6	2
8	Mid - term		
9-10	Production and cost analysis	6	2
11	Market structure (monopoly, oligopoly, monopolistic	3	1

week	Course Topic	Teaching hour	
		lecture	tutorial
	competition, and perfect competition)		
12-13	Profit maximization and Shutdown points	6	2
14	Formative Exam.	3	
15 -16	Final - exam		
	Total hours	39	12

XVIII. Course Matrix Content

Main Topic	Course ILOs Covered by Topic (By ILO Code)			
	K.U.	I.S	P.P.S.	G.T. S
• consumer choice	a1, a2	b3, b4	c1, c2	d1, d2, d3
▪ Market equilibrium, consumer and producer surplus. And tax burden	a1, a2, a3	b1, b2, b3, b4	c1, c2	d1, d2, d3
▪ Production theory and cost analysis.	a4	b2, b3, b4	c1, c2	d1, d2, d3
▪ Market structure (monopoly.....)	a5	-	c1, c2	d1, d2, d3
▪ Profit maximization and shut down point	a2, a3, a4	b1, b2, b3, b4	c1, c2	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. 				

XIX. 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)	√	√	√		

I. Teaching and Learning Methods for special needs:

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

II. 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, a3	b1, b2, b3, b4	c1, c2	d1, d2, d3
	Quizzes	a1, a2, a3	b1, b2, b3, b4	c1, c2	-
	Participation (presentation)	a1, a2, a3	b1, b2, b3, b4	c1, c2	d1, d2, d3
Written Exam	Midterm Exam	a1, a2, a3	b1, b2, b3, b4	-	-
	Final Exam	a1, a2, a3	b1, b2, b3, b4	-	-

III. 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, brainstorming, presentation)		10	10%
	Quizzes	All over the semester	10	10%
Mid-term		Week 8	20	20%
Sub-Total			50	50%
Final Exam		Weeks 15-16	50	50%
Total			100	100%

VI. References

Course Notes	Lecture slides are available on the Students Learning Management System (Moodle).
Essential Textbooks	Varian, H. (2014), intermediate microeconomics (9 th edition). W.W. Norton & company. New York.
Extra Recommended Books	Parkin, M. (2012). Microeconomics (10th Edition). Pearson. Nicholson. W., Snyder, C. (2012), Microeconomic theory, basic principles and extensions, south-western, Cengage learning.
Online Web Sites	https://www.ekb.eg/ https://www.Cengage.com/

VII. 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. Saad Samir Saad	<u>Name:</u> Prof. ALTahra ELsayed Hemaya
<u>Signature:</u> Saad Samir Saad	<u>Signature:</u> ALTahra ELsayed Hemaya
<u>Date:</u> 10/2023	<u>Date:</u> 10/2023

Course Specification

XX. Basic Information

Course Code	ECO 307	Course Name	Mathematical Economics		
Level/ semester	3 /1	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)	MTH 103/ECO 101/ ECO 102				
Approval Date Of course Specification	10 / 2023				

XXI. Course Contents

The main objective of this course is to enable economic major students to study the methods of applying mathematical techniques to the economic theory (macro and micro). The course will cover preliminaries, using simultaneous equations, Matrices, and Determinants to study static equilibrium in microeconomics and macroeconomics, differentiation and the comparative static analysis for functions of one independent variable and more than one independent variable, optimization of economic functions (unconstrained and constrained), integration of functions, and input-output analysis

XXII. Course Aims

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

The main objective of this course is to enable economic major students to study the methods of applying mathematical techniques to economic theory (macro and micro).

XXIII. 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, K6	I4	P11, P14	G5

XXIV. 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. Build up the relationship among economic variables through mathematical modeling.
- a2. Define concepts of differentiation and Integration and their applications in economy.
- a3. Express definition, operations, and determinants of matrices
- a4. identify different types of functions.

b. Intellectual Skills

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

- b1. Evaluate real-world market scenarios through the optimization of economic functions.
- b2. Establish connections between real-world situations and the mathematical principles of differentiation, integration, and matrices.

c. Practical / Professional Skills

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

- c1. Utilize rules of integration and differentiation to examine economic challenges and functions, including those related to profit, cost, and revenue.
- c2. Utilize mathematical equations for resolving various economic challenges.

d. General and Transferable Skills

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

- d1. Employ critical thinking to rationalize real economic situations.
- d2. Foster innovation and demonstrate the ability to work effectively toward achieving outcomes.

XXV. Course Contents Distribution

Course Topics	Teaching Hours	
	Lec.	Tut.
Introductory lecture and course outline - Revision of functions	3	1
Linear Equations (Graphs, Algebraic solution, supply and demand analysis, National Income determination)	6	2
Non-Linear Equations (Quadratic functions, Revenue, cost and profit)	6	2
Equilibrium in two commodities market	3	1
Matrices (definition- operations on matrices and determinants, and inverse of a matrix and converting a system of equations)	6	2
Mid Term exam		
Follow Matrices (definition- operations on matrices and determinants, and inverse of a matrix and converting a system of equations)	3	1
Cramer's rule	3	1
Input- output model (Leontief Inverse)	3	1
Differentiation and Optimization: Economic Applications	6	2
Formative Exam	3	
Final Exam		

XXVI. 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 - Revision of functions	a1		c1, c2	
Linear Equations (Graphs, Algebraic solution, supply and demand analysis, National Income determination)	a1, a4	b2	c1	
Non Linear Equations (Quadratic functions, Revenue, cost and profit)	a1, a4	b2		d1
Equilibrium in two commodities market	a1	b2	c1	d1
Matrices (definition- operations on matrices and determinants, and inverse of a matrix and converting a system of equations)	a1, a3	b1, b2	c1	
Cramer's rule	a3			d2
Input- output model (Leontief Inverse)	a3			d2
Differentiation and Optimization: Economic Applications	a2, a1, 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. 				

XXVII. 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)	√	√	√		

XXVIII. Teaching and Learning Methods for special needs:

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

XXIX. 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				
	Quizzes	A1, a2, a3, a4		C1, c2	D2
written	Mid term	A1, A4		C2	
	Final Exam	A2, A3	B1, B2	C1, C2	

I. Grade and weight of assessments

Assessment Methods		Time	Assessment Grades	Weight %
Class Work	Individual and Group Assignments	All over the semester	5	5%
	Participation (Tasks, project, Reports)		5	5%
	Lab Test			
	Quizzes	All over the semester	20	20%
Mid-term		Week 8	20	20%
Sub-Total			50	50%
Final Exam		Weeks 15-16	50	50%
Total			100	100%

VIII. References

Course Notes	Lecture slides are available on the Students Learning Management System (Moodle).
Essential Textbooks	Wilson, M.(2017).” Introduction to Mathematical Economics”.
Extra Recommended Books	A. C. Chiang, “Fundamental Methods of Mathematical Economics,” Mc Graw-Hill, New York, 1984.
Online Web Sites	https://www.ekb.eg/

IX. Facilities required for teaching and learning

Facility	Lecture	Class	Lab	Admin
White Board	✓	✓		
PC/Laptop				
Smart board	✓	✓		
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

Semester 6

Course Specification 2023/2024

I. Basic Information

Course Code	ECO 308	Course Name	Development Economics		
Level/ Semester	3 /2	Specialization	General – Business Administration		
Department Offering the Course	Economics				
Credit Hours	Credit Hours				
	Total Credit Hours 3	Theoretical	Tutorial	Laboratory	
		3		-	
	Contact Hours 3	Contact Hours			
		Theoretical	Tutorial	Laboratory	
		3		-	
Course Prerequisite(s)	Eco101 / Eco102				
Approval Date of course Specification	10 /2023				

II. Course Contents

This course is designed to provide students with the theories & problems of development. It covers, concepts of development, the growth models (theories), poverty & inequality, the function of state, unemployment, demography & development, development finance; the course will provide also topics related to the human development, sustainable development and (inclusive growth and development).

III. Course Aims

Upon successfully completing the course, students will be:

development economics, including theories, models, and global issues like poverty and inequality, while fostering lifelong learning and contributing to the field's advancement. It also emphasizes sustainable and inclusive development strategies.

IV. 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
1/1	2/6	3/4,3/11,3/14	4/5

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:

- a1 Explain the relation between population growth and development outcomes.
- a2 Identify the concepts of poverty, inequality and their importance in economic development.
- a3 Discuss major theories of economic growth and their core arguments.

b. Intellectual Skills

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

- b1 Evaluate economic growth theories and their empirical implications.
- b2 Differentiate Between different growth models and assess their economic consequences.
- b3 Develop Methodologies to Address global issues like poverty, income distribution and inequality.

c. Practical / Professional Skills

- c1 Apply concepts of development and various economic development approaches.
- c1 Analyse current debates in development economics and their policy implications.

d. General and Transferable Skills

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

- d1 Develop Proficiency conducting presentations on development theories.
- d2 Enhance Skills in Systematic research methods, presentation and communication.
- d3 Participate Actively in group discussions and take ownership of your learning journey

VI. Course Contents Distribution

week	Course Topic	Teaching hour	
		lecture	tutorial
1	Introduction, definitions, Absolute poverty	3	-
2-4	The nature of development economics	9	-
5	Development and Unemployment	3	-
6-7	Development Indicators	6	-
8	Midterm Exam		
9-12	Development theories	12	-
13	Income inequality and income distribution	3	-
14	Formative Exam.	3	
15-16	Final exam		
	Total hours	39	12

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, definitions, Absolute poverty	a1, a2	b3	c1, c2	d3
The nature of development economics	a1	b3	c1, c2	d3
▪ Development and Unemployment	a1, a2	b3	c1, c2	d3
▪ Development Indicators.	a1, a2	b3	c1, c2	d3
▪ Theories of economic growth and development.	a3	b1, b2	c1, c2	d1, d2, d3
▪ Income inequality, income distribution	a1, a2	b3	c1, c2	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. 				

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: 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 Skills	Intellectual Skills	Practical / Professional Skills	General and Transferable Skills
Class Works	Individual and Group Assignments	a1, a2, a3	b1, b2, b3	c1, c2	d1, d2, d3
	Quizzes	a1, a2, a3	b1, b2, b3	-	-
	Participation (presentation)	a1, a2, a3	b1, b2, b3	-	d1, d2, d3
Written Exam	Midterm Exam	a1, a2, a3	b1, b2, b3	-	-
	Final Exam	a1, a2, a3	b1, b2, b3	-	-

XI. 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- presentation)		10	10%
	Quizzes	All over the semester	10	10%
Mid-term		Week 8	20	20%
Sub-Total			50	50%
Final Exam		Weeks 15-16	50	50%
Total			100	100%

XII. References

Course Notes	Lecture slides are available on the Students Learning Management System (Moodle).
Essential Textbooks	Todaro, M. and Smith, S. (2015). Development Economics (12th Edition). Pearson.
Extra Recommended Books	De Janvry, A., (2021). Development Economics: Theory and Practice (2 nd edition), Routledge.
Online Web Sites	https://www.ekb.eg/ https://www.pearson.com/

XIII. 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. Saad Samir Saad	<u>Name:</u> Prof. ALTahra ELsayed Hemaya
<u>Signature:</u> Saad Samir Saad	<u>Signature:</u> ALTahra ELsayed Hemaya
<u>Date:</u> 10/2023	<u>Date:</u> 10/2023

Course Specification 2023/2024

I. Basic Information

Course Code	LAW 301	Course Name	Business Law		
Level/ semester	2 /1	Specialization	University Requirements		
Department Offering the Course	University Requirements				
Credit Hours	Credit Hours				
	Total Credit Hours 3	Theoretical	Tutorial	Laboratory	
		3	N/A	N/A	
	Contact Hours 3	Contact Hours			
		Theoretical	Tutorial	Laboratory	
		3	N/A	-	
Course Prerequisite(s)	N/A				
Approval Date Of course Specification	10 / 2023				

II. Course Contents

This course is essential for all business students, and about one-third of the course is devoted to understanding the intersection between business operations and the legal environment. The course introduces students to fundamental concepts and theories of business law within broad historical, philosophical, and cultural contexts, tracing the evolution of these concepts to their current applications, exploring key legal principles, terminology, and frameworks that influence business decisions and strategies.

The topic covered includes a comprehensive analysis of commercial law, focusing on the regulation of commercial activities, the legal status of merchants and traders, and the management of commercial funds. Additionally, the course emphasizes the sources of General & Egyptian Business Law, exploring the establishment, registration, types, and dissolution of different types of companies.

The course emphasizes critical thinking, legal analysis, and the importance of legal compliance risk management, and ethical responsibilities in business transactions and decisions, providing participants, encouraging students to apply these skills to real-world business scenarios, through case studies and practical exercises, students will learn to navigate the complexities of the legal environment, ensuring compliance and mitigating risks.

The course also addresses the ethical and professional responsibilities in business law, preparing students to make informed and ethical decisions in their future careers by equipping them with the knowledge and skills to analyze legal issues, develop compliance strategies, & understand the broader implications of business law on society & the global economy.

III. Course Aims

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

- Gain a thorough understanding of the business legal environment, including key sources of law, contract analysis, legal implications of decisions, government regulation, and ethical considerations.

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
1/1,1/2,1/3,1/7,1/8,1/9	2/1,2/2,2/4, 2/5 ,2/8, 2/9	2/1,2/2,2/3,2/7,2/10, 2/13, 2/14, 2/15	4/1,4/2,4/3,4/4,4/5, 4/6, 4/8, 4/9, 4/10

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:

- a1. Describe the influence of law on business decisions.
- a1. Define key legal terms and concepts related to business law.
- a2. Explain the historical development and sources of commercial law.
- a3. List the difference between various types of companies and their legal implications.
- a4. Identify the roles and responsibilities of merchants and traders.
- a5. Recognize the legal protections available for commercial premises and assets.
- a6. Discuss the principles of territorial sovereignty and its implications for international business.

a7 Identify ethical issues related to legal environment in business and practice.

b. Intellectual Skills

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

- b1 Apply legal principles to business scenarios.
- b2. Assess legal risks and compliance issues in business operations.
- b3. Develop strategies for legal compliance in business transactions.
- b4. Evaluate the legal structure and governance of different types of companies.
- b5. Analyze the impact of legal decisions on business strategies and operations.
- b.6 Integrate information from various legal sources to solve complex business problems.

c. Practical / Professional Skills

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

- c1. Use legal concepts to inform business decisions in dealing with commercial events.
- c2. Prepare and provide interpretation for business legal records.
- c3. Execute business transactions within the legal framework.
- c4. Develop and present legal arguments relevant to business contexts.
- c5. Prepare legal documents related to business operations such as contracts & compliance reports.
- c6. Employ ethical standards in professional practice concerning business law.

d. General and Transferable Skills

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

- d1. Develop capacity to work both in team and independently
- d2. Use the internet to perform credible legal research.
- d3. Develop ability to display, present, and dialogue.

VI. Course Contents Distribution

Weak.	Course Topics	Teaching Hours	
		Lec.	Tut .
1	<u>Section one:</u> <ul style="list-style-type: none"> Definition of Business Law: Enforceable rules of contract governing the actions of buyers & sellers in market exchanges. Private Law: Involves disputes between private individuals or groups. 	3	

Weak.	Course Topics	Teaching Hours	
		Lec.	Tut.
	<ul style="list-style-type: none"> • Public Law: Involves disputes between private individuals & their government. 		
2	<ul style="list-style-type: none"> • Civil Law: Governs rights and responsibilities between individuals and governments, derived from Roman Law. • Common Law: Unwritten law based on legal precedents established in courts. • Tutorial Example: If a firm from country A operates in country B and defies the law, country B has recognized power under customary law to take action against the firm. • Territorial Sovereignty: The right to exercise functions within a territory, which may not be absolute. 	3	
3	<u>PART ONE: Commercial Activities & Business Operations</u> <ul style="list-style-type: none"> ➤ Commercial Work Regulations: <ul style="list-style-type: none"> • Speculation, trading, craftsmanship, entrepreneurship. ➤ Distinction Between Commercial & Civil Work: <ul style="list-style-type: none"> • Judicial jurisdiction & proof in commercial matters. • Special provisions for commercial obligations. 	3	
4	<ul style="list-style-type: none"> ➤ Inherent Nature of Business Operations: <ul style="list-style-type: none"> • Purchase and lease of movables for resale or rental. • Establishment of commercial companies. • Business activities related to commercial papers. • Maritime and air navigation operations. • Professional business operations: Supply of goods & services, manufacturing, transportation, brokerage, insurance, banking, etc. 	3	
5	<ul style="list-style-type: none"> ➤ Commercial Activities by Dependency: <ul style="list-style-type: none"> • Logical, practical, and legal bases. ➤ Mixed Activities: <ul style="list-style-type: none"> • Combining elements of commercial and other types of activities. 	3	
6	<u>PART TWO: Merchants/Traders</u> <ol style="list-style-type: none"> 1. Merchant Status: <ul style="list-style-type: none"> • Conditions for natural and legal persons to acquire merchant status. 2. Legal Status of the Merchant/Trader: <ul style="list-style-type: none"> • Financial declaration, keeping commercial records, and registration in the commercial register. 	3	
7	Revisions and Quiz	3	

Weak.	Course Topics	Teaching Hours	
		Lec.	Tut.
8	Mid Term exam		
9	PART THREE: Commercial Funds 1. Permanent Commercial Funds - The Commercial Premises: <ul style="list-style-type: none"> Formation, legal nature, contact with customers. Sale, mortgage & legal protection of commercial premises. 	3	
10	Section Two: Companies and Corporate Law Chapter One: General Theory of Companies & Company Issues 1- Introduction: <ul style="list-style-type: none"> Concept of companies as contracts and systems. Differentiation between civil and commercial companies. Forms of commercial companies. Types of companies: companies of persons, companies of funds, mixed companies. 	3	
11	2- Company Contract: <ul style="list-style-type: none"> Essential elements, objective criteria, partner contributions, profit and loss distribution. Formal pillars and invalidity of company contracts. 	3	
12	Chapter Two: Legal and Moral Personality of Companies 1- Company Liability, Capacity, and Representation: <ul style="list-style-type: none"> Company name, nationality, and dissolution. Liquidation and division according to company type. 	3	
13	Chapter Three: Types of Companies 1. Companies of Persons: <ul style="list-style-type: none"> Solidarity companies, simple recommendation companies, partnership companies. 	3	
14	2. Companies of Funds: <ul style="list-style-type: none"> Joint-stock companies, their establishment, legal status, shares, and bonds. 	3	
15-16	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
1. Definition of Business Law	a1	b1	c1, c2	d2
2. Private Law, Public Law, Civil Law & Common Law	a2	b1, b2, b4	c1, c2, c3, c4	d2
3. Territorial Sovereignty & Tutorial Example	a6	b1, b4, b5	c1, c2, c3, c4	d3
Mid-Term Exam; Review and assessment				
4. Commercial Work Regulations & Distinction Between Commercial & Civil Work	a3, a4, a5	b2, b3, b5,	c3, c5	d1
5. Inherent Nature of Business Operations	a1, a5, a4	b1, b5	c1, c4, c6	d1, d3
6. Commercial Activities by Dependency	a3	b2, b3, b6	c3, c6	d1, d2, d3
7. Mixed Activities	a4, a7	b2, b5, b6	c3, c4, c6	d1, d3
8. Merchant Status	a4,	b4	c2, c4, c6	d3
9. Legal Status of the Merchant/Trader	a4,	b1, b4,	c2, c4	d1, d3
10. Permanent Commercial Funds - The Commercial Premises, types of companies	a3, a5	b3, b4,	c3, c5	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. 				

VIII. Teaching and Learning Methods

Teaching and Learning Methods	Course ILOs				
	Selected Methods	Knowledge & understanding	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:

Extra lecture during office hour - Asynchronous Learning (PDF, PowerPoint, Lecture videos).

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	a1-a7	b1-b6	c1-c3	d1- d3
	Tasks and Reports	a1- a5	b1- b4	c1-c3	d1- d3
	Quizzes	a1- a3	b1-b4	c1-c4	-
written	Mid term	a1- a4	b1- b4	c1-c3	-
	Final Exam	a1-a7	b1-b6	c1- c6	-

XI. Grade and weight of assessments

Assessment Methods		Time	Assessment Grades	Weight %
Class Work	Individual and Group Assignments	All over the semester (Assignment 1 & 2)	10	10%
	Participation (Tasks, project, Reports)		10	10%
	Lab Test	N/A	N/A	N/A
	Quizzes	All over the semester	10	10%
Mid-term		Week 8	20	20%
Sub-Total			50	50%
Final Exam		Weeks 15-16	50	50 %
Total			100	100%

XII. References

Course Notes	<ul style="list-style-type: none"> Lecture slides are available on the Learning Management System (Moodle).
Essential Textbooks	<ol style="list-style-type: none"> Ibrahim, A. (n.d.). <i>Egyptian Business Law: A Comprehensive Guide</i>. Khaled, M. (n.d.). <i>Commercial Law in Egypt: Principles and Practices</i>. Cheeseman, H. R. (2014). <i>Business Law: Legal Environment, Online Commerce, Business Ethics, and International Issues</i>. Schaffer, R., Agusti, F., & Dhooze, L. (2014). <i>International Business Law & Its Environment</i>.

Extra Recommended Books	<ul style="list-style-type: none"> Mann, R. A., & Roberts, B. S. (2020). <i>Business Law & the Regulation of Business</i>. Richards, E. L., & Shackelford, S. J. (2014). <i>Legal & Ethical Aspects of International Business</i>. Clarkson, K. W., Miller, R. L., & Cross, F. B. (2017). <i>Business Law: Text and Cases</i>. Cengage Learning.
Online Web Sites	<ul style="list-style-type: none"> Harvard Law School Forum on Corporate Governance and Financial Regulation, The Harvard Law School Forum on Corporate Governance The leading online blog in the fields of corporate governance and financial regulation. Legal Information Institute (LII) at Cornell Law School: Legal Information Institute

X. Facilities required for teaching and learning

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

Course coordinator	Head of the Department
Name: Dr. <i>Haidy Yehia Ghoneim</i>	Name: Prof. <i>Altahra Elsayed Hemaya</i>
Signature: <i>Haidy Yehia Ghoneim</i>	Signature: <i>Prof. Altahra Elsayed Hemaya</i>
Date: 10/2023	Date: 10/2023

Course Specification 2023-2024

Course Specification

XXX. Basic Information

Course Code	ECO 309	Course Name	Macroeconomic Theory			
Level/ semester	3 /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 102				
	Approval Date Of course Specification	10/2023				

XXXI. Course Contents

This course introduces the students to modeling of a macro - economy in terms of analytical tools. It discusses the theories of output and employment determination in closed economy in short and medium run, also the role of policy in this context. This course also will introduce various theoretical issues related to open economy. The course will cover aggregate demand and aggregate supply model, the consumption theories, the investment theories, the general equilibrium (in goods and money markets), the multiplier and the change in national income, economic cycles: inflation, unemployment and expectations, economic growth, and fiscal and monetary policies.

XXXII. Course Aims

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

This course aims to equip students with the ability to assess and analyze key macroeconomic indicators, such as GDP, inflation, unemployment, and the balance of payments. It also develops proficiency in applying macroeconomic models and analysis techniques to evaluate economic policies and their short- and long-term effects on overall economic performance.

XXXIII. 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

XXXIV. 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 fundamental macroeconomic issues like unemployment, inflation, saving, investment, economic growth, and balance of payments.
- a2. Discuss how governments use fiscal (spending) and monetary (interest rates) policies to influence the entire economy.
- a3. Identify the linkages between the money market, financial markets, and the market for goods and services.
- a4. illustrate basic math, clear explanations, and diagrams used to analyze macroeconomic concepts.
- a5. Explore alternative policy options based on specific macroeconomic models.

b. Intellectual Skills

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

- b1. Break down macroeconomic analytical tools into mathematical and diagrammatic methods to elucidate macroeconomic issues.
- b2. Evaluate the features of various macroeconomic models.

- b3. Select appropriately fundamental macroeconomic principles to diverse practical and policy challenges.

c. Practical / Professional Skills

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

- c1. Develop analytical approaches encompassing theory-based and model-based arguments.
c2. Illustrate government policies and their impact on macroeconomic performance.
c3. Apply and develop a strong understanding of fundamental economic theory.

d. General and Transferable Skills

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

- d1. Gain familiarity with conceptual frameworks useful for problem-solving and decision-making.
d2. Acquire skills in analytical reasoning, numerical proficiency, and effective communication.
d3. Handle pressure and collaborate within teams.

XXXV. Course Contents Distribution

Weak.	Course Topics	Teaching Hours	
		Lec.	Tut.
1-2	Structure of Macroeconomics: Introduction to Macroeconomics	6	2
3-4	The Measurement and Structure of National Economy	6	2
5-6	Productivity, Output and Employment	6	2
7	Consumption, Saving and Investment in Closed Economies	3	1
8	Mid Term exam		
9	The Goods Market and The IS Relation	3	1
10	The Goods Market in an Open Economy	3	1
11	Financial Markets and The LM Relation	3	1
12	Goods and Financial Markets: The IS-LM Model	3	1
13	AD-AS and IS-LM model	3	1

14	Revision
15-16	Final Exam

XXXVI. Course Matrix Content

Main Topic	Course ILOs Covered by Topic (By ILO Code)			
	K.U.	I.S	P.P.S.	G.T. S
Structure of Macroeconomics: Introduction to Macroeconomics	A1			
The Measurement and Structure of National Economy	A1, a2, A4	B1,	C3,	D2
Productivity, Output and Employment	A1, a3	B1,	C3	D2,
Consumption, Saving and Investment in Closed Economies	A1, A4	B1,	C2, c3	D2, D3
The Goods Market and The IS Relation	A1, A4	B1, B2	C1, c3	D2,
The Goods Market in an Open Economy	A4, A2	B1,	C3	D2,
Financial Markets and The LM Relation	A4,	B1, B2	C1, c3	D2,
Goods and Financial Markets: The IS-LM Model	a3, a4	B1, B2, B3	C1, c2, c3	D1, d2
Policies and IS-LM model	A2, A4, A5	B1, B3	C2, c3	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. 				

XXXVII. 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)	√	√	√		

XXXVIII. Teaching and Learning Methods for special needs:

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

XXXIX. 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			C1-c3	D1-d3
	Tasks and Reports				
	Quizzes	A1-A5	B1-B3		
written	Mid term	A1- A4	B1		
	Final Exam	A1 – A5	B1- B3		

I. 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%

XI. References

Course Notes	Lecture slides are available on the Students Learning Management System (Moodle).
Essential Textbooks	Gregory Mankiw, Macroeconomics (5th edition). Worth, 2003. 2.Robert J.

Extra Recommended Books	Gordon, Macroeconomics (10th edition). Addison Wesley, 2005
Online Web Sites	https://www.ekb.eg/

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
<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

XL. Basic Information

Course Code	ECO 310	Course Name	Econometrics I																
Level/ semester	3 /2	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 307																		
Approval Date Of course Specification	10/2023																		

XLI. Course Contents

The course is an introduction to basic Econometric concepts and techniques. It covers statistical concepts of hypothesis testing, time series data estimation and diagnostic testing of simple and multiple linear regression models. The course also covers the consequences of and tests for misspecification of regression models. The topics covered: nature of econometrics, statistical concepts, simple linear regression models, multiple linear regression models, violations of the regression classical assumptions. There will be examples of the uses of econometrics in a variety of areas through statistical analysis, problem solving and econometric estimation using a statistical computer package.

XLII. Course Aims

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

The course aims to equip students with practical skills in applying linear regression models for economic data analysis, emphasizing the theoretical foundations, key statistical tests, and the use of EViews software, while enhancing their career readiness and preparation for advanced studies.

XLIII. 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, K6, K9, K10, K11	I2, I4, I6, I7	P4, P6, P9, P11, P12, P13, P14	G1, G3, G5, G11

XLIV. 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 principles of regression analysis and its application in economics.
- a2. Grasp the key assumptions underlying the classical linear regression model.
- a3. Identify econometric terminology and concepts relevant to analyzing economic data.
- a4. discuss the limitations and strengths of various econometric techniques.

b. Intellectual Skills

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

- b1. Evaluate critically the appropriateness of regression analysis for specific economic problems.
- b2. Formulate testable hypotheses and choose suitable econometric models.
- b3. Interpret econometric results and draw sound economic conclusions.
- b4. Diagnose violations of classical linear regression model assumptions.

c. Practical / Professional Skills

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

- c1. Apply regression analysis techniques using statistical software packages.
- c2. Implement methods to address issues like multicollinearity, heteroscedasticity, and autocorrelation.
- c3. Report and present econometric findings.

d. General and Transferable Skills

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

- d1. Develop critical thinking and problem-solving skills in an economic context.
- d2. Enhance independent learning and research abilities by applying econometric tools.
- d3. Foster clear and concise communication of technical concepts to both specialists and non-specialists.

XLV. Course Contents Distribution

Weak.	Course Topics	Teaching Hours	
		Lec.	Tut.
1	Introductory lecture and course outline - The Nature of Regression Analysis, Why do we study Econometrics?	3	1
2-3	Two-Variable Regression Analysis: Some Basic Ideas	6	2
4	Classical Linear Regression Model (CLRM)	3	1
5	Two-Variable Regression: Hypothesis Testing	3	1
6-7	Test of Significance	6	2
8	Mid Term exam		
9-10	Multiple Regression Analysis: Model estimation	3	2
11	Multicollinearity: What Happens if the Regressors are correlated?	3	1
12	Heteroscedasticity: What Happens if the Error Variance is Nonconstant?	3	1
13	Autocorrelation: What Happens if the Error Terms are Correlated?	3	1
14	Revision		

15-16 Final Exam

XLVI. 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 - The Nature of Regression Analysis, why do we study Econometrics?	A1, a3			
Two-Variable Regression Analysis: Some Basic Ideas	A1, A3	B3	C3	D1, D2
Classical Linear Regression Model (CLRM)	A2			D1
Two-Variable Regression: Hypothesis Testing	A1	B2, B3	C3	D1, D2
Test of Significance	A4	B1, B2, B3	C3	D1, D2
Multiple Regression Analysis: Model estimation	A1, A2, A3	B1, B2, B3	C1, C3	D1, D2, D3
Multicollinearity: What Happens if the Regressors are correlated?	A1, A2, A4	B1, B4	C2, c3	D1, D2, D3
Heteroscedasticity: What Happens if the Error Variance is Nonconstant?	A1, A2, A4	B1, B2, B4	C2, c3	D1, D2, D3
Autocorrelation: What Happens if the Error Terms are Correlated?	A1, A2, A4	B1, B2, B4	C1, C2, c3	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. 				

XLVII. 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)	√	√	√		

XLVIII. Teaching and Learning Methods for special needs:

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

XLIX. 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			c1, c2, c3	D1-d3
	Quizzes	a1-a4	B1-b4	c1, c2	
written	Mid term	a1-a4	b1-b3		
	Final Exam	a1-a4	b1- b4		

I. 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%

XIII. References

Course Notes	Lecture slides are available on the Students Learning Management System (Moodle).
--------------	---

Essential Textbooks	Stock, J. & Watson, M. (2016). Introduction to econometrics. London: Addison-Wesley.
Extra Recommended Books	Gujarati, Damodar N., 1988, Basic Econometrics, Second Edition. New York: McGraw-Hill
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

L. Basic Information

Course Code	ECO 311	Course Name	Labor Economics		
Level/ Semester	3 /2	Specialization	Economics		
Department Offering the Course	Economics				
Credit Hours	Credit Hours				
	Total Credit Hours	3	Theoretical	Tutorial	Laboratory
			3	1	-
	Contact Hours	4	Contact Hours		
			Theoretical	Tutorial	Laboratory
			3	1	-
	Course Prerequisite(s)	ECO 101			
Approval Date of course Specification	10 /2023				

LI. Course Contents

Topics covered: Demand and supply of Labor, Labor market equilibrium, Compensating wage differentials, Education, the wage distribution, Labor mobility, Labor market discrimination, Labor unions, Unemployment, and the Informal Labor Market in Egypt.

LII. Course Aims

Upon successfully completing the course, students will be:

This course aims to provide a comprehensive understanding of labor economics by analyzing both theoretical models and real-world applications, including labor demand and supply, wage dynamics, labor market frictions, and issues such as discrimination, unemployment, and the informal labor market in Egypt. It integrates key topics like labor mobility, unions, and education into the study of labor market equilibrium and wage distribution.

LIII. 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
1/1,1/2,1/4,1/7,1/8,1/9,1/11	2/1,2/2,2/3,2/5,2/7,2/9	3/1, 3/2, 3/5, 3/6, 3/8, 3/12, 3/13, 3/14, 3/15	4/1, 4/2, 4/4, 4/5, 4/7, 4/8, 4/9, 4/10

LIV. 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 Labor Economics and related fields.

a2. Classify the determinants of the structure of Labor markets.

b. Intellectual Skills

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

b1. Analyze and evaluate alternative solutions related to the Labor market structure.

b2. Compare the theoretical and real practice of Labor wages and Labor mobility.

c. Practical / Professional Skills

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

c1. Use the local and ILO (international Labor organization) reports to analyze the determinants and macroeconomic effects of different Labor economics issues.

c2. Apply demand and supply theory on labor market and determine equilibrium.

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 Labor economics.

d2. Enhance critical thinking and problem-solving abilities by analyzing Labor markets crisis.

d3. Cultivate effective communication skills for presenting Labor economics issues and recommendations to diverse stakeholders.

LV. Course Contents Distribution

Weak.	Course Topics	Teaching Hours	
		Lect.	Tut.
1	CHAPTER 1: Overview.	3	-
2	CHAPTER 2: The demand and supply of labor	3	-
3	CHAPTER 2: The demand and supply of labor	3	-
4	CHAPTER 3: Labor market equilibrium		-
5	CHAPTER 3: Labor market equilibrium	3	-
6	CHAPTER 4: Labor market equilibrium (Two Labor Markets Linked by Migration).	3	-
7	CHAPTER 5: Compensating wage differentials	3	-

Weak.	Course Topics	Teaching Hours	
		Lect.	Tut.
8	Mid- Term Exam		
9	CHAPTER 5: Compensating wage differentials		-
10	CHAPTER 7: Education	3	-
11	CHAPTER 8: Unemployment	3	-
12	Case Study: The Informal Labor market Economics in Egypt	3	-
13	Revision	3	-
14	Student presentations		
15-16	Final Exam		

LVI. Course Matrix Content

Main Topic	Course ILOs Covered by Topic (By ILO Code)			
	K.U.	I.S	P.P.S.	G.T. S
The demand and supply of labor	a1, a2		c2	d2, d3
Labor market equilibrium	a1, a2	b 2	c1, c2	d1
Two Labor Markets Linked by Migration			c2	d2, d3
Compensating wage differentials	a 1, a 2	b1	c1	d2, d3
Education	a1, a2	b1	-	d2, d3
Unemployment	a1, a2	b 2	c1	d2, d3
The Informal Labor market 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. 				

LVII. 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)	√	√	√		

I. Teaching and Learning Methods for special needs:

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

I. 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
Written Exam	Midterm Exam	a1-a2	b1, b2	c1	-
	Final Exam	a1-a2	b1, b2	c1	d2

II. 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%

XV. References

Course Notes	Lecture slides are available on the Students Learning Management System (Moodle).
Essential Textbooks	George J. Borjas (2020). Labor Economics, Eighth Edition, McGraw-Hill Education, The International Students edition.
Recommended Extra Books	MICHAEL PARKIN, (2012), ECONOMICS, TENTH EDITION, Pearson Education, Inc.
Online Web Sites	https://www.ILO.org https://www.ekb.eg/ https://www.pearson.com/

XVI. 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

LVIII. Basic Information

Course Code	ECO 312	Course Name	Environmental Economics
Level/ Semester	3 /2	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)	-			
Approval Date of course Specification	10 /2023			

LIX. Course Contents

This course emphasizes the theoretical and empirical analysis of sources of and solutions to environmental problems, with an application to local pollution challenges and global environmental issues such as climate change. the topics covered includes analysis of market failure, choice of environmental policy instruments, integrating environmental and distortionary taxes, environmental policy making under uncertainty, the allocation of non-renewable and renewable resources, valuing environmental amenities, and measuring sustainable development.

LX.Course Aims

Upon successfully completing the course, students will be able to:

1. Understand the importance of the environment to the economy and how economic decision making is impacted by the environment.
2. Describe the dynamics of the economy environment and the role of the environment as a source of useful economic resources.
3. Gain skills such as problem solving and the ability to assemble and evaluate evidence and arguments.
4. Explain the concepts of green economy, public goods and property rights applied on environmental issues and how should the environment be efficiently managed to sustain the economy.
5. Understand regulatory measures and environmental policy instruments to control environmental degradation resulting from economic activities.

LXI. 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

LXII. 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:

1. Explain the different expressions and terminologies used in environmental economics.
2. Discuss the different perspectives of addressing the environment.
3. Classify the different energy sources in the aspects of environmental economics.

b. Intellectual Skills

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

1. Interpret the presented information and data using scientific concepts and principles.

c. Practical / Professional Skills

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

1. Explain environmental processes and systems.
2. Analyze impacts on different communities.

d. General and Transferable Skills

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

1. Analyze the challenges facing the world and the environment's sources for energy.
2. Evaluate information to proposed environmental situations to anticipate potential results.

LXIII. Course Contents Distribution

week	Course Topic	Teaching hour	
		lecture	tutorial
1	Introduction to Environmental Economics	3	
2	Economics & the environment	3	
3	The two approaches to addressing environmental economics	3	
4	The economic history of the environment	3	
5	The economic history of the environment (2)	3	
6	Ecological economics& Economic growth	3	
7	Common Property& open access	3	
8-9	The Economics of a fishery	6	
10	Natural Capital	3	
11	Sustainability& Natural Capital	3	
12	The Green economy	3	

week	Course Topic	Teaching hour	
		lecture	tutorial
13	Allocation of renewable resources	3	
14	Formative Exam.	3	
15			
	Total hours	39	

LXIV. Course Matrix Content

Main Topic	Course ILOs Covered by Topic (By ILO Code)			
	K.U.	I.S	P.P.S.	G.T. S
• Introduction to Environmental Economics	a.2			
▪ The two approaches to addressing environmental economics	a.1, a.2		c.1	
▪ The economic history of the environment	a.1, a.2, a.3	b.1	c.1, c.2	d.1
▪ Ecological economics & Economic growth	a.1, a.2		c.1, c.2	d.1
▪ Common Property & open access	a.1, a.3	b.1	c.1, c.2	d.1, d.2
▪ Sustainability & Natural Capital	a.1, a.2		c.1	d.1, d.2
▪ The Green economy	a.1, a.3		c.1, c.2	d.1
▪ Allocation of renewable resources	a.1, a.3	b.1	c.1, c.2	d.1, d.2
<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. 				

LXV. 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)	√	√	√		

LXVI. Assessment Methods – ILOs Matrix

Assessment Methods		Course ILOs			
		Knowledge and understanding Skills	Intellectual Skills	Practical / Professional Skills	General and Transferable Skills
Class	Individual and	a.1, a.2		c.1	

Works	Group Assignments				
	Quizzes	a.1, a.2			
	Participation (Tasks, project, research, Reports)	a.1, a.2, a.3		c.1, c.2	d.1
Written Exam	Midterm Exam	a.1, a.2, a.3		c.1, c.2	
	Final Exam	a.1, a.2, a.3	b.1	c.1, c.2	d.2

LXVII. 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)		15	10%
	Quizzes	All over the semester	5	10%
Mid-term		Week 8	20	20%
Sub-Total			50	50%
Final Exam		Weeks 14-15	50	50%
Total			100	100%

XVII. References

Course Notes	Lecture slides are available.
Essential Textbooks	Tietenberg, T., & Lewis, L. (2018). <i>Environmental and natural resource economics</i> . Routledge.

Extra Recommended Books	Anderson, D. A. (2006). <i>Environmental economics</i> . Pensive Press.
Online Web Sites	https://www.ekb.eg/ https://www.pearson.com/

XVIII. 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

LXVIII. Basic Information

Course Code	ECO313	Course Name	Knowledge economics
Level/ semester	3 / 2	Specialization	Economics

Department Offering the Course	Economics			
Credit Hours	<i>Credit Hours</i>			
	Total Credit Hours	Theoretical	Tutorial	Laboratory
	3	3	1	-
	<i>Contact Hours</i>			
	Contact Hours	Theoretical	Tutorial	Laboratory
	4	3	1	-
Course Prerequisite(s)	ECO 101-ECO102			
Approval Date Of course Specification	10/2023			

LXIX. Course Contents

aims to give students a general Idea about the Information Society. The objective of the course is to introduce the concept of the Information Society and Knowledge Economy through:

1. General overview of Information Society. Agriculture Society, Industrial Society, history from where we are coming and where we are going.
2. Infrastructures of the Knowledge Economy. An overview of telecommunications infrastructure and computer science foundations of the Information Society
3. Strategic Plans. Why it is so important to talk about strategic plans in the new Knowledge economy
4. Knowledge Management. Knowledge is the new raw material in the Information Society. It must be managed.
5. New economy. From Knowledge to Wisdom Management: Old companies must be adapted to the new economy but also new economy companies must be profit oriented.
6. Company presentations.

LXX. Course Aims

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

- aims to give students a general Idea about the Information Society.
- The objective of the course is to introduce the concept of the Information Society and Knowledge Economy.

LXXI. 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

LXXII. 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 knowledge management processes, solutions, strategies in companies;
- a2. identify the specifics of the formation and characteristics of the knowledge-based economy in various countries and regions of the world;
- a3. state the significance of innovation for economic growth, the increase in competitiveness of national economies and businesses;
- a4. determine the strategy for transition to the knowledge economy in various countries / regions of

the world **b. Intellectual Skills**

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

- b1. analysis of different concepts of the transition to the knowledge-based economy and innovation development;
- b2. identify and assess the development of modern knowledge-based economy and innovation.
- b3 evaluate comparative studies of innovative systems and national characteristics of the knowledge-based economy;
- b4. assess modern methods to measure the indicators characterizing the knowledge-based economy and innovation;

b5. identify methodology studies of the affective behavior of companies in the transition to the knowledge-based economy

c. Practical / Professional Skills

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

- C1. Apply Technological or ICT skills, and collaborate in pursuit of a common objective.
- C2. Evaluate Analytical skills, communicate with colleagues and clients.
- C3. Have Problem-solving skills.

d. General and Transferable Skills

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

- d1. involve in problem-based presentation;
- d2. be self-guided reading of the further literature;
- d3. participate in case studies;
- d4. be written essay;
- d5. interview and testing.

LXXIII. Course Contents Distribution

Weak.	Course Topics	Teaching Hours	
		Lec.	Tut.
1-2	Basic characteristics, concepts and issues; • The change of companies' nature in new economy (K-E Sveiby); • Knowledge staircase by K. Nort; • Relationship between innovation, knowledge, competitiveness; • Knowledge as a source of competitiveness.	6	2
3-4	• Knowledge and economics; • Knowledge codification; • Knowledge and learning; • Knowledge networks; • Knowledge and employment; • Measuring knowledge, knowledge inputs, outputs, networks.	6	2
5-6	• Knowledge in economic theories; • Knowledge-based enterprise: theories and fundamentals; • Knowledge management theories.	6	2
7	• Fundamental public aspects of the knowledge economy; • Privatization of knowledge;	3	1

	• Three E's in support of the revival of public property.		
8	Mid Term exam		
9	<ul style="list-style-type: none"> • Knowledge production; • Knowledge transmission; • Knowledge transfer. 	3	1
10-11	<ul style="list-style-type: none"> • Level of technology; • Intellectual potential of employees; • Intellectual potential of the enterprise; • Intellectual potential of the university. 	6	2
12	<ul style="list-style-type: none"> • The concept of knowledge management; • In-house control technology of companies' knowledge; • Model of dynamic knowledge transformations; • Process-based knowledge management models; • Decision-making structures and practices in knowledge models; • Forms of knowledge management; • Successful knowledge management; • Knowledge management scheme. 	3	1
13	<ul style="list-style-type: none"> • Learning values and self-development; • Learning organization; • Creative organization; • Intellectual organization. 	3	1
14	Revision		
15-16	Final Exam		

LXXIV. Course Matrix Content

Main Topic	Course ILOs Covered by Topic (By ILO Code)			
	K.U.	LS	P.P.S.	G.T. S
Knowledge-Based Economy Formation and Development	a2, a3,a4	b1,b2		d2
Knowledge-Based Economy: Trends and Implications	a2, a3, a4	b3		d1,d2
Knowledge-Based Economy and Enterprise Management	a1	b1, b2	c1,c2	

Public Dimensions of Knowledge and Innovation	a1, a2	b2, b3	c1,c3	
Analysis of Intellectual Potential	a1, a2	b1, b2, b4	c1,c2, c3	
Knowledge Management	a2, a3	b2, b3	c2	d2
Lifelong Learning and Self-development	a2, a3	b1, b2, b4	c1, c2, c3	d1, d2,d3, d4& d5
<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. 				

LXXV. 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)	√	√	√		

LXXVI. 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				

written	Reports				
	Quizzes	a1-a4	b1, b3	c1,c2	
	Mid term	a1-a4	b1	c2	
	Final Exam	a1-a4	b1, b2, b3	c1, c2	D1, d2

LXXVII. 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%

XIX. References

Course Notes	Lecture slides are available on the Students Learning Management System (Moodle).
Essential Textbooks	Cristiano Antonelli and Paul David, 2015, The Economics of Knowledge and the Knowledge driven economy. 1st Edition, University of Turin, Italy
Extra Recommended Books	Dominique Foray. (2004).” The Economics of Knowledge”.
Online Web Sites	https://www.researchgate.net/publication/23573531_The_Economics_of_Knowledge

XX. 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 2023/2024

LXXVIII. Basic Information

Course Code	ACC305	Course Name	Cost Accounting (I)
Level/ Semester	3 / 5	Specialization	Accounting – Business Administration
Department Offering the Course	Accounting		

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)	ACC101 - ACC102			
Approval Date of course Specification	10 / 2023			

LXXIX. Course Contents

This course consists of a discussion of cost accounting concepts and objectives. An effective cost accounting system provides information that can influence operational and financial performances of an entity. Students will learn how cost accounting information is developed and used for various purposes in different types of business entities. This course examines the role that cost accounting plays in measuring, analyzing and reporting information that relates to the cost of obtaining and using an entity's resources. It also includes cost measurements (for ex. Absorption and variable costing), cost-volume-profit analysis and ways of assigning various costs such as direct costs, indirect costs, fixed costs, variable costs, inventorial cost and period costs. In addition, part of the course is to train students on how to make article reviews and write essays related to the course.

LXXX. Course Aims

Upon successfully completing the course, students will be:

This course introduces students to cost accounting concepts and procedures. An effective cost accounting system provides information that can impact operational and financial performances of an entity.

Students will learn how cost accounting information is developed and used for various purposes in different types of business entities.

LXXXI. 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
K4, K6, K9, K13	I4, I7	P3, P8, P11, P12, P14	G6, G10

LXXXII. 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 cost elements, cost terminologies and cost classifications to assign costs to cost objects.
- a2. Determine the cost of goods manufactured using different costing approaches.
- a3. Identify each of the three basic manufacturing cost categories.
- a4. Describe activity-based costing and how it differs from a traditional costing system.
- a5. Explain the implications of basing the predetermined overhead rate on activity at capacity rather than on estimated activity for the period.
- a6. Mention the different ways of cost allocation methods.

b. Intellectual Skills

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

- b1. Demonstrate the ability of communicating different costs for different purposes of different users.
- b2. Differentiate between the inventory cost flow assumption methods and interpret their impact on the income statement.
- b3. Analyze the variances related to the direct material, labor and manufacturing overhead.
- b4. Evaluate overhead cost to jobs using a predetermined overhead rate.
- b5. Interpret how manufacturing companies can use activity-based costing rather than traditional methods.
- b6. Analyze a mixed cost using a scatter graph plot and the high-low method and the least-squares regression method.

- b7. Allocate service department costs to operating departments using the direct method, the step-down method and the reciprocal method.

c. Practical / Professional Skills

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

- c1. Prepare schedules of cost of goods manufactured and cost of goods sold and an income statement.
- c2. Prepare income statements for a merchandising company using the full absorption and variable costing methods.
- c3. Prepare an action analysis report using activity-based costing data and interpret the report.
- c4. Compute a predetermined overhead rate.
- c5. Compute activity rates for cost pools.
- c6. Prepare a schedule of allocating service department costs to operating departments using the direct method and step-down method.

d. General and Transferable Skills

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

- d1. Manage tasks and deadlines effectively.
- d2. Develop effective written and oral communication skills.
- d3. Employ the English language effectively in all tasks.
- d4. Complete work independently and in teams.
- d5. Communicate opinion through the utilization of modern techniques.

LXXXIII. Course Contents Distribution

Week	Course Topics	Teaching Hours	
		Lec.	Tut.
1	▪ An introduction to cost terms and purposes.	3	1
2	▪ An introduction to cost terms and purposes. (Continued)	3	1
3	▪ Inventory costing and capacity analysis.	3	1
4	▪ Inventory costing and capacity analysis. (Continued)	3	1
5	▪ Inventory costing and capacity analysis. (Continued)	3	1

Week	Course Topics	Teaching Hours	
		Lec.	Tut.
6	▪ Activity-Based Costing (ABC) and Activity-Based Management (ABM).	3	1
7	Formative exam for the mid-term.	3	1
8	Mid Term Exam		
9	▪ Activity-Based Costing (ABC) and Activity-Based Management (ABM). (Continued)	3	1
10	▪ Determining how costs behave.	3	1
11	▪ Determining how costs behave. (Continued)	3	1
12	▪ Allocation of support department costs, common costs and revenues.	3	1
13	▪ Allocation of support department costs, common costs and revenues. (Continued)	3	1
14	Revision.	3	1
15-16	Final Exam		

LXXXIV. Course Matrix Content with ILOs

Main Topic	Course ILOs Covered by Topic (By ILO Code)			
	K.U.	IS	P.P.S.	G.T. S
▪ An introduction to cost terms and purposes.	a1, a2, a3	b1, b2, b3	c1	d1, d2, d3, d4, d5
▪ Inventory costing and capacity analysis.	a1, a2, a3	b1, b2, b3	c2	d1, d2, d3, d4, d5
▪ Activity-Based Costing (ABC) and Activity-Based Management (ABM).	a4, a5	b4, b5	c3	d1, d2, d3, d4, d5
▪ Determining how costs behave.	a5	b6	c4, c5	d1, d2, d3, d4, d5
▪ Allocation of support department costs,	a6	b7	c6	d1, d2,

common costs and revenues.				d3, d4, d5
<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. 				

LXXXV. Teaching and Learning Methods

Teaching and Learning Methods	Selected Methods	Course ILOs			
		Knowledge and understanding	Intellectual Skills	Practical / Professional Skills	General and Transferable Skills
Interactive Lecture	√	√	√		√
Discussion	√	√	√		√
Problem Solving	√	√	√	√	√
Brainstorming	√	√	√		√
Self-Learning: Research –assignments	√	√	√	√	√
Asynchronous learning	√	√	√		

X. Teaching and Learning Methods for Special Needs:

Asynchronous learning, and face-to-face office hours, and provide extra lectures for special needs students.

XI. 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- c6	d1 – d5

	Participation	-	-	-	d1 – d5
	Quizzes	a1-a6	b1-b7	c1-c6	-
Written	Mid term	a1-a3	b1,b4	c1-c2	-
	Final Exam	a1-a6	b1-b7	c1-c6	-

XII. Grade and weight of assessments

Assessment Methods		Time	Assessment Grades	Weight %
Class Work	Individual and Group Assignments	All over the semester	10	10%
	Participation		10	10%
	Quizzes	All over the semester	10	10%
Mid-term		Week 8	20	20%
Sub-Total			50	50%
Final Exam		Weeks 15-16	50	50%
Total			100	100%

XXI. References

Course Notes	Lecture slides are available on the Students Learning Management System (Moodle).
Essential Textbooks	Horn gren, C., Datar, S. & Foster, G. (2017). Cost accounting: A managerial emphasis. 16th edition. New Jersey: Pearson Prentice Hall.
Extra Recommended Books	Garrison, R., Noreen, E. & Brewer, P. (2017). Managerial accounting. 16th edition. New York: McGraw Hill Irwin.
Online Web Sites	https://www.ekb.eg

XXII. 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. Mohamed Farouk Hafez	<u>Name:</u> Prof. El-Tahera Homia
<u>Signature:</u> Mohamed Farouk Hafez	<u>Signature:</u> El-Tahera Homia
<u>Date:</u> 10/2023	<u>Date:</u> 10/2023