

Agricultural Production Economics Course Description Form

1. Course Name:	
Economics of agricultural production	
2. Course Code:	
ECAP388	
3. Semester / Year:	
First Semester 2023-2024	
4. The history of preparation of this description	
1 / 2 / 2024	
5. Available Forms of Attendance:	
Presence My	
6. Total Credit Hours/Total Number of Units:	
75 hours / 3.5 Unit	
7. Course administrator's name (if more than one name is mentioned)	
Assoc. Prof. Aswan Abdel Qader	
Eng. Zeina Abdel Qader	
8. Course Objectives	
<p>Practical:</p> <ul style="list-style-type: none"> - Enable the student to identify the laws and derivatives of elasticity, the optimal size of production and the optimal profit 	<p>Theoretical:</p> <ul style="list-style-type: none"> Enable the student to understand and understand the economics of agricultural production Enable the student to know the factors of production Enable the student to be familiar with production functions and costs Enabling the student to know the profit function The student can judge which stage of the production stages achieves the highest production

9. Teaching and Learning Strategies

Practical: <ul style="list-style-type: none"> - Assigning hard work to uncover leadership skills - Assigning tasks and a report for each of the chapters 	Theoretical: <ul style="list-style-type: none"> Interactive Hint Brainstorming Dialogue and discussion Assignment and report Presentations of models of cost and production functions
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- Assign a report entitled from his diligence and prepare it for discussion with the students

10. Headquarters structure t

Evaluation method	Learning method	Unit or subject name	Required Learning Outcomes	Hours	The week
Short exams, assignment of assignment, discussions	Audio styles Writing style on the board - direct dialogue style	Preliminary principles in the economics of agricultural production	A1 Defines the economics of agricultural production and shows its objectives	2 Theoretical	1
	Assignment and report	Examples of production economics	B1 explains the field of research in the economics of agricultural production	3 Practical	

Quizzes, Assignments, Discussions	Audio styles Writing style on the board - direct dialogue style	Earth Work Money capital Administration & Management	B1 shows agricultural production factors	2 Theoretical	2
	Assignment and report	Students discuss the characteristics of all factors of agricultural production	B12 shows the characteristics of agricultural production factors	3 Practical	
Quizzes, Assignments, Discussions	Audio styles Writing style on the board - direct dialogue style	The relationship between productive resources	B2 illustrates the relationships between resources and agricultural production	2 Theoretical	3
	Assignment and report	Chart assignment and exercises	B13 shows production resources	3 Practical	
Quizzes, Assignments, Discussions	Audio styles Writing style on the board - direct dialogue style	Shows the economic derivatives of the production function	B3 shows the economic derivatives of the production function	2 Theoretical	4

	Assignment and report	Derived with exercises on economic derivatives	C3 Derived with Exercises for Derivatives	3 Practical	
Quizzes, Assignments, Discussions	Audio styles Writing style on the board - direct dialogue style	Illustrates the law of decreasing yields	B4 illustrates the law of decreasing yields	2 Theoretical	5
	Assignment and report	Draw the law and solve exercises	C4 draws the law and solve exercises	3 Practical	
Quizzes, Assignments, Discussions	Audio styles Writing style on the board - direct dialogue style	Defines the concept of costs And identify the types of direct and indirect costs	A2 defines the concept of costs And identify the types of costs	2 Theoretical	6
	Assignment and report	Analyzes economic derivatives of the costing function with drawing	C5 analyzes the economic derivatives of the cost function	3 Practical	
Quizzes, Assignments, Discussions	Audio styles Writing style on the board - direct dialogue style	Shows the optimal size of the production resource for a production function with a single variable resource	B5 Shows the optimal size of the production resource for a production function with a single variable resource	2 Theoretical	7
	Assignment and report	Chart with exercises	C6 Draws a graph	3 Practical	

			with solving exercises		
Quizzes, Assignments, Discussions	Audio styles Writing style on the board - direct dialogue style	Shows the demand curve of the production element	B6 shows the demand curve of the production element	2 Theoretical	8
	Assignment and report	Drawing the curve with exercises	C7 draws the curve with exercises	3 Practical	

Quizzes, Assignments, Discussions	Audio styles Writing style on the board - direct dialogue style	Shows the output function for suppliers	B7 Shows the output function for suppliers	2 Theoretical	9
	Assignment and report	Draws a graph with exercises	C8 draws a graph with exercises	3 Practical	
Quizzes, Assignments, Discussions	Audio styles Writing style on the board - direct dialogue style	Applied curves both output	C1 applies both output curves	2 Theoretical	10
	Assignment and report	Draws curves of both with their shapes	C9 draws both curves with their shapes	3 Practical	

Quizzes, Assignments, Discussions	Audio styles Writing style on the board - direct dialogue style	Demonstrates the flexibility of resource substitution	B8 demonstrates resource replacement flexibility	2 Theoretical	11
	Assignment and report	Derives flexibility	C10 derives flexibility	3 Practical	
Quizzes, Assignments, Discussions	Audio styles Writing style on the board - direct dialogue style	Shows lines of equal costs	B9 shows lines of equal costs	2 Theoretical	12
	Assignment and report	Report & Discussion	C11 draws cost lines with solving exercises	3 Practical	

Quizzes, Assignments, Discussions	Audio styles Writing style on the board - direct dialogue style	Report & Discussion	B10 Explains the combination of resources that maximize the profits of the organization	2 Theoretical	13
	Assignment and report	Derives the profit function	C12 Derives the profit function	3 Practical	
Quizzes, Assignments, Discussions	Audio styles Writing style on the board - direct dialogue style	Differentiates the Costing Function Using the Cobb Duglass Function	C2 Differentiates the Costing Function Using the Cobb Duglass Function	2 Theoretical	14

	Assignment and report	Report & Discussion	C13 Derives the cost function	3 Practical	
Quizzes, Assignments, Discussions	Audio styles Writing style on the board - direct dialogue style	What are the functions of the cup of Duglass	A3 assigns a homework in how to differentiate costs from the COBB Duglass function	2 Theoretical	15
	Assignment and report	Conducts a field visit to one of the companies	A4 Conducts a field visit to one of the companies	3 Practical	

11. Course Evaluation

Relative Weight%	Grade	Calendar date (week)	Evaluation methods	t
%13	7 Theoretical + 6 Practical	Theoretical Week 15 Practical Week 1-15	Theoretical Final Report + Practical Reports	1
%6	4 Theoretical + 2 Practical	week) 3 (Short test)1) Quiz	2
%15	10 Theoretical + 5 Practical	week) 9 (Midterm Exam (theoretical and practical)	3
%6	4 Theoretical + 2 Practical	week) 12 (Short test)2) Quiz	4
%20	20	Practical exam week	Final Practical Test	5
%40	40	Theoretical exam week	Final theoretical test	6
%100	100		Total	

12. Learning and Teaching Resources

Required textbooks) Methodology, if any: King Saud University – Food Science

The Economics of Agricultural Production: Abdul
Wahab Matar Al-Daheri, 1980

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School of theoretical subject: Dr. Aswan Abdel Qader Zeidan School of practical material: Eng.
Zeina Abdel Qader

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Chairman of the Scientific Committee : Prof. Dr. Alaa Mohamed Abdullah Head of the
Department of Agricultural Economics : Prof. Dr. Alaa Mohamed Abdullah

