

Course Description Form

1. : Course name	
Agricultural production economics	
2. :Code Course code	
ECAP389	
3. : Semester/Year	
First Semester/Third Stage/2024-2025	
4. : Date this description was prepared	
2024/9/1	
5. :Available attendance forms	
In-person + online	
6. :(Number of study hours (total) / Number of units (total)	
Theoretical hours: 30 hours / practical hours: 45 hours, number of units: 3.5 units	
7. (Name of the course administrator (if more than one name is mentioned	
Name: Asst. Dr. Ahmed Hashim Ali Email: ahmadhashim1982@uomosul.edu.iq	
Name: Asst. Dr. Mona Abdul Qader Ahmed Email: munaalhamadani@uomosul.edu.iq	
8. objectives Course	
<p>:theoretical</p> <p>the student to understand Enabling - and comprehend what is related to the .economics of agricultural production</p> <p>Enabling the student to know the - factors of production</p> <p>Enabling the student to understand - production and cost functions</p> <p>the Enabling the student to know - profit function</p> <p>The student can judge any stage of - .production</p> <p>Enabling the student to understand - Douglas production function -the Cobb .and its economic derivatives</p>	<p>:practical</p> <p>Enabling the student to identify the laws - ities, the optimal and derivatives of elastic volume of production , and the optimal .profit</p> <p>Practical application of all production - functions</p> <p>Douglas -Practical application of the Cobb - production function</p>
9. Teaching and learning strategies	
Strategy	<p>:theoretical</p> <ul style="list-style-type: none"> - lecture Interactive Brainstorming - Dialogue and discussion - Assigning tasks and reporting -Presentations of models of cost and production functions <p>:practical</p> <ul style="list-style-type: none"> -Assigning group work to reveal leadership skills

-Assign tasks and report for each chapter

is assigned to prepare a report entitled "From His Efforts" and prepare it for He
Students ...discussion with



week	watches	Required learning outcomes	Name of unit or topic	Learning method	Evaluation method
1	2 theoretical	A1 Knows the economics of agricultural production explains its and objectives	Basic principles of agricultural production economics	Auditory methods Blackboard writing style Direct dialogue style report Assignment and	short exams Duty discussions
	3 practical	B1 Explains the scope of agricultural research in .production economics	Examples of production economics	Auditory methods Blackboard writing style Direct dialogue style report Assignment and	short exams Duty discussions
2	2 theoretical	B2 Shows the factors of agricultural production	Labor, Land Capital, Management and Organization	Auditory methods Blackboard writing style Direct dialogue style report Assignment and	short exams Duty discussions
	3 practical	B3 shows the characteristics of agricultural production .factors	Discuss with students the characteristics of each factor of agricultural . production	Auditory methods Blackboard writing style Direct dialogue style report Assignment and	short exams Duty discussions
3	2 theoretical	B4 Explains the between relationships resources and .agricultural production	The relationship between productive resources	Auditory methods Blackboard writing style Direct dialogue style report Assignment and	short exams Duty discussions
	3 practical	B5 shows the productive .resources	Charting and Exercise Assignment	Auditory methods Blackboard writing style Direct dialogue style report Assignment and	short exams Duty discussions
4	2 theoretical	B6 explains the economic derivatives of the .production function	Explains the economic derivatives of the production .function	Auditory methods Blackboard writing style Direct dialogue style report Assignment and	short exams Duty discussions
	3 practical	C1 Derivatives with exercises on derivatives	Derivatives with exercises economic on derivatives	Auditory methods Blackboard writing style Direct dialogue style report Assignment and	short exams Duty discussions
5	2 theoretical	B7 illustrates the law of .diminishing returns	The law of diminishing returns explains	methods Auditory Blackboard writing style Direct dialogue style report Assignment and	short exams Duty discussions
	3	C2 Draw the law and	Draw the law	Auditory methods	short exams

	practical	solve exercises	and solve exercises	Blackboard writing style Direct dialogue style report Assignment and	Duty discussions
6	2 theoretical	A2 Knows the concept of costs And learn about the types of costs	Knows the concept of costs And identify the types of direct and indirect costs	Auditory methods Blackboard writing style Direct dialogue style Assignment of tasks	short exams Duty discussions
	3 practical	C3 Analyzes the economic derivatives of and its the cost function .types	Analyze the economic derivatives of the cost function with .drawing	Auditory methods writing Blackboard style Direct dialogue style Assignment of tasks	short exams Duty discussions
7	2 theoretical	B8 shows the optimal size of a production resource for a production function with a single .variable resource	It shows the optimal size of a production resource for a production function with one variable .resource	Auditory methods Blackboard writing style Direct dialogue style report Assignment and	short exams Duty discussions
	3 practical	C4 Draw a graph with solved exercises	Chart with exercises	Auditory methods Blackboard writing style Direct dialogue style report Assignment and	short exams Duty discussions
8	2 theoretical	B9 shows the demand curve for an element of .production	The demand curve for a factor of production is .shown	methods Auditory Blackboard writing style Direct dialogue style report Assignment and	short exams Duty discussions
	3 practical	C5 Draw the curve with exercises	Drawing a curve with exercises	Auditory methods Blackboard writing style Direct dialogue style report Assignment and	short exams Duty discussions
9	2 theoretical	B10 illustrates the production function for .two suppliers	Illustrates the production function for two suppliers -Cobb) Douglas (function	Auditory methods Blackboard writing style Direct dialogue style report Assignment and	short exams Duty discussions
	3 practical	C5 Draw a graph with exercises	Draw a graph with exercises	Auditory methods Blackboard writing style	short exams Duty discussions

				Direct dialogue style report Assignment and	
10	2 theoretical	C6 applies both output and output curves	Applies both production and demand curves	Auditory methods Blackboard writing style Direct dialogue style Assignment of tasks	short exams Duty discussions
	3 practical	C7 indifference Draws curves with their shapes	Draws indifference curves with their shapes	Auditory methods Blackboard writing style Direct dialogue style Assignment of tasks	short exams Duty discussions
11	2 theoretical	B11 illustrates the elasticity of resource substitution	Demonstrates the flexibility of resource substitution	Auditory methods Blackboard writing style Direct dialogue style report Assignment and	short exams Duty discussions
	3 practical	C8 derives flexibility	Derives flexibility	methods Auditory Blackboard writing style Direct dialogue style report Assignment and	short exams Duty discussions
12	2 theoretical	B12 .shows isocost lines	Illustrates isocost lines	Auditory methods Blackboard writing style Direct dialogue style report Assignment and	short exams Duty discussions
	3 practical	C9 Draw cost lines with solved exercises	Consumer Report and Discussion	Auditory methods Blackboard writing style Direct dialogue style report Assignment and	short exams Duty discussions
13	2 theoretical	B13 Explains the combination of resources that maximizes the profits of the establishment	-Profit maximizing resource combination	Auditory methods Blackboard writing style Direct dialogue style report Assignment and	short exams Duty discussions
	3 practical	C10 Derives the profit function	Derives the profit function	Auditory methods Blackboard writing style Direct dialogue style report Assignment and	short exams Duty discussions
14	2 theoretical	C11 Derive the cost function Duclas -using the Cobb .function	Derive the cost function using -the Cobb Duclas .function	Auditory methods Blackboard writing style Direct dialogue style report Assignment and	short exams Duty discussions
	3 practical	C12 Derive the cost function	Report and discussion	Auditory methods Blackboard writing style Direct dialogue style	short exams Duty discussions


				report Assignment and	
15	2 theoreti cal	A3 I am given homework on how to Deriving costs from the Duclas function -Cobb	the What are functions derived from -Cobb the Duclas ?function	Auditory methods Writing style on Direct blackboard dialogue style report Assignment and	short exams Duty discussions
	3 practic al	A4 Conducting a field visit to one of the companies	Conducting a visit to field one of the companies	report Assignment and	short exams Duty discussions

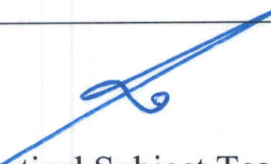


Course Evaluation -11				
T	Evaluation methods	Calendar week -appointment	degree	Relative weight %
1	Final theoretical + report	15-1 My theory week	5	5
2	Short Test 1 Quiz	Week 3	5 5	10
3	Midterm exam Theoretical and practical	Week 9	10 5	15
4	Short Test 2 Quiz	Week 12	5 5	10
5	Final practical exam	Practical exam week	20	20
	Final theoretical exam	Theoretical exam week	40	40
	the total		100	100


Learning and teaching resources -12

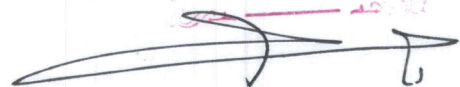
(Unit Economics Theory, Dominic Salvatore (Schaum Series
Introduction to Microeconomics, Dr. Muhammad Ahmad Effendi, 2012
• Microeconomic Theory, Ahmed Zoubir Jaata
Ruweis, King Saud -Dr. Khaled Al • Lectures in Agricultural Production Economics
University


Theoretical Subject Teacher
Dr. Ahmed Hashim Ali


Practical Subject Teacher
Dr. Muna Abdel Qader Ahmed




Head of the Scientific Committee
Prof. Dr. Alaa Muhammad Abdullah


Head of the Department of Agricultural Economics
Prof. Dr. Alaa Muhammad Abdullah