

Course description form

1. : Course Name	
Microeconomic theory 1	
2. :code Course Code	
MIET248	
3. : Semester/Year	
First Semester/Second Phase/2024-2025	
4. : Date this description was prepared	
2024/9/1	
5. :Available forms of attendance	
In-person + online	
6. :(of study hours (total)/number of units (total Number	
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	
Dr. Ahmed Hashim Ali ahmadhashim1982@uomosul.edu.iq	
M.M. Mohammed Hamid Ahmed mohammedhamid91@uomosul.edu.iq	
M.M. Farah Mohsen Ali Email: farah.muhsen@uomosul.edu.iq	
objectives Course .8	
<p>:theoretical</p> <p>The student learns about the concept of - microeconomic theory It shows the student the methods and mechanisms on which the assumptions of partial theory and the concept of the scarcity problem are based It explains to the student the method and assumptions of partial theory and how to analyze partial equilibrium and general equilibrium The student solves the static method and the hod in equilibriumdynamic met Definition of an individual's demand for a commodity and the law of negative slope demand Shift of an individual's demand curve, the market demand for a commodity Product supply, the shape of the supply curve, and the transition of the s for a commodity Shows the student the types of balance Methods of transition in demand, supply and equilibrium The student estimates the price elasticity of demand Arc elasticity is elasticity at a point of Point elasticity and analyzes the method measuring total spending through elasticity Explains to the student income elasticity of</p>	<p>:practical</p> <p>Definition of an individual's demand for a - commodity and the law of negative slope demand s demand curve, the market 'Shift of an individual demand for a commodity Enable the student to draw the product supply curve, the shape of the supply curve, and the transition of the supply curve for a commodity The student becomes clear about the types of o reach equilibrium equilibrium and how t graphically and mathematically Methods of transition in demand, supply and equilibrium The student estimates the price elasticity of demand Arc elasticity is elasticity at a point Point elasticity and analyzes the method of tal spending through elasticitymeasuring to The student applies the method of measuring income elasticity of demand cross elasticity of demand The price elasticity of supply and how to calculate each of them Explains to the student the concept of total utility marginal utility graphically and The consumer balance according to the traditional theory and how to reach the balance graphically and mathematically It shows the student how to use the law of diminishing marginal utility and the principle of</p>

demand
 cross elasticity of demand
 The price elasticity of supply and how to calculate each of them
 Explains to the student the concept of total marginal utility utility and
 The consumer balance according to the traditional theory and how to reach the balance graphically and mathematically
 It shows the student how to use the law of diminishing marginal utility and the principle of consumer equilibrium
 ct of elasticity of demand on the The effect quantities purchased of other goods, mathematically and graphically, and how to derive the demand curve according to the .assumptions of utility theory
 Explains to the student the substitution effect from one in the consumer moving equilibrium point to another
 It shows the student the income effect of the consumer moving from one equilibrium point to another
 The student learns about the concept of indifference curve theory
 Recognize the properties of indifference curves
 concept of budget constraint line The
 The student learns about the concept of consumer equilibrium according to the theory of indifference curves
 Exchange and how the consumer balances according to the theory of indifference curves -e incomeThe student learns about th consumption curve and how to derive it graphically
 And the Angel curve
 price curve, and how to -The consumption derive the consumer demand curve according to the theory of indifference curves
 Shows the student the total, average and marginal output
 The law of diminishing returns and stages of production
 The shape of the average product and marginal product curves
 Explains to the student isoquants
 And the technical marginal rate of substitution
 The characteristics of isoquants and isoquants s the student's expansion pathDetermine

ium graphically and consumer equilibrium mathematically
 The effect of elasticity of demand on the quantities purchased of other goods, mathematically and graphically, and how to derive the demand curve .according to the assumptions of utility theory substitution effect in the Explains to the student the consumer's move from one equilibrium point to another graphically and mathematically
 It shows the student graphically the income effect of the consumer moving from one equilibrium point to another
 ncept of The student learns about the co indifference curve theory graphically
 The concept of the budget constraint line graphically and mathematically
 The student learns about the concept of consumer equilibrium according to the theory of indifference curves graphically
 the consumer balances Exchange and how according to the theory of indifference curves consumption -The student learns about the income curve and how to derive it graphically



And the replacement of productive elements
And constant, increasing and decreasing
returns to scale

9. Teaching and learning strategies

The strategy	
	<p>discussion, stating the hypotheses of the partial theory</p> <p>Interactive lecture: brainstorming, dialogue and discussion in analyzing hypotheses</p> <p>Interactive lecture, brainstorming, clarifying markets, hypotheses and their types</p> <p>ing, and comparison between demand, supply, and Interactive lecture, brainstorm markets</p> <p>Interactive lecture, brainstorming, dialogue, and participation in estimating and deriving the display function</p> <p>Interactive lecture, brainstorming, dialogue, and participation in deriving the demand unctioanf</p> <p>Interactive lecture, brainstorming, dialogue and discussion, assigning tasks and reporting</p> <p>Interactive lecture, brainstorming, dialogue and discussion, assigning tasks and reporting</p> <p>ning tasks and Interactive lecture, brainstorming, dialogue and discussion, assigni reporting</p> <p>Interactive lecture, brainstorming and comparison between elasticity of demand and elasticity of costs</p> <p>Interactive lecture, brainstorming, dialogue and discussion</p> <p>ng tasks and Interactive lecture, brainstorming, dialogue and discussion, assigni reporting</p> <p>Interactive lecture, brainstorming, dialogue and discussion</p> <p>He is assigned the duty of drawing elasticities of demand and deriving the consumer demand curve, the consumption and price curves, and the consumption and income curves</p> <p>is assigned the task of solving an exercise He</p>



the week	hours	learning Required outcomes	Name of the unit or topic	Learning method	Evaluation method
1	2 Theoretical	A1 The student learns the concept of about microeconomic theory B1 shows the student the methods and mechanisms on which the assumptions of partial theory and the concept of the scarcity problem are based	The concept of economic theory The problem of scarcity Markets and equilibrium functions	Auditory methods Style of writing blackboard on the Direct dialogue style Assigning tasks reporting and	Short exams Assignment of duty discussions
	3 Practical	C1 The student learns how to balance mathematically	Mathematical application of functions and equilibrium	Auditory methods writing Style of on the blackboard Direct dialogue style Assigning tasks reporting and	Short exams Assignment of duty discussions
2	2 Theoretical	B2 Explains to the student the method and hypotheses of partial theory	The theoretical curriculum of objective economics and calibrated economics	Auditory methods Style of writing on the blackboard Direct dialogue style Assigning tasks reporting and	Short exams Assignment of duty discussions
	3 Practical	D1 How to analyze partial equilibrium and general equilibrium C2 The student solves the static method and the dynamic method in equilibrium	Balance analysis	Auditory methods Style of writing on the blackboard Direct dialogue style Assigning tasks reporting and	Short exams Assignment of duty discussions
3	2 Theoretical	A2 Definition of an individual's demand for a commodity and the law of negative slope demand A3 Definition of the product supply curve	Demand and supply An individual's demand for a good	Auditory methods Style of writing on the blackboard Direct dialogue style Assigning tasks reporting and	Short exams Assignment of duty discussions
	3 Practical	B3 Shift of the individual demand curve, the market demand for a commodity C3 Product supply, the shape of the supply curve, shift of the supply and the curve for a good	The law of demand and the shift of an individual's demand curve Shift of the product supply	Auditory methods Style of writing on the blackboard Direct dialogue style	Short exams Assignment of duty discussions



			curve	Assigning tasks reporting and	
4	2 Theoretical	B4 Shows the student the types of equilibrium <i>أن قسم</i>	Balance Types of balance	Auditory methods Style of writing on the blackboard Direct dialogue style Assigning tasks reporting and	Short exams Assignment of duty discussions
	Practical3	C4 The student learns graphically and mathematically how to navigate demand, supply and equilibrium	Shift in demand, supply and equilibrium	Auditory methods Style of writing on the blackboard Direct dialogue style Assigning tasks reporting and	Short exams Assignment of duty discussions
5	2 Theoretical	B5 The student estimates the price elasticity of demand Arc elasticity is elasticity at a point Point elasticity	Measurement of elasticities Price elasticity demand of Arc elasticity and point elasticity	Auditory methods Style of writing on the blackboard Direct dialogue style Assigning tasks reporting and	Short exams Assignment of duty discussions
	Practical3	D2 The student analyzes the method of measuring through total spending elasticity	Flexibility of points and total spending	Auditory methods Style of writing on the blackboard Direct dialogue style Assigning tasks reporting and	Short exams Assignment of duty discussions
6	2 Theoretical	B6 Explains to the student price elasticity of demand cross elasticity of demand	Types of price elasticities of demand and supply elasticities	Auditory methods Style of writing on the blackboard Direct dialogue style Assigning tasks	Short exams Assignment of duty discussions
	Practical3	C5 How to calculate the price elasticity of supply and demand and their types	Income elasticity of demand , section-cross Price elasticity of supply	Auditory methods Style of writing on the blackboard Direct dialogue style Assigning tasks	Short exams Assignment of duty discussions

7	2 Theoretical	B7 Explains to the student the concept of total utility and marginal utility	Consumer -demand theory utility approach Total and utility marginal	Auditory methods Style of writing on the blackboard Direct dialogue style Assigning tasks reporting and	Short exams Assignment of duty discussions
	Practical3	C6 How the consumer balances according to and how traditional theory to reach balance graphically and mathematically	Consumer equilibrium	Auditory methods Style of writing on the blackboard Direct dialogue style Assigning tasks reporting and	Short exams Assignment of duty discussions
8	2 Theoretical	B8 Shows the student how law of to use the diminishing marginal utility and the principle of consumer equilibrium	The law of diminishing marginal utility and the principle of equilibrium	Auditory methods Style of writing on the blackboard Direct dialogue style Assigning tasks reporting and	Short exams Assignment of duty discussions
	Practical3	C 7The effect of elasticity of demand on the quantities purchased of other goods, mathematically and graphically D3 How to derive the demand curve according to the assumptions of utility theory	Derive the individual demand curve The quantity of the other commodity purchased	Auditory methods Style of writing on the blackboard Direct dialogue style Assigning tasks reporting and	Short exams Assignment of duty discussions
9	2 Theoretical	B9 Explains to the student the substitution effect in the consumer moving from one equilibrium point to another	The substitution effect , the income effect , and the shape of the demand curve	Auditory methods Style of writing on the blackboard dialogue Direct style Assigning tasks reporting and	Short exams Assignment of duty discussions
	Practical3	B10It shows the student the income effect of the consumer moving from one equilibrium point to another E1 The student distinguishes between the substitution effect and the income effect	Exercises on the effects of substitution and income	Auditory methods Style of writing on the blackboard Direct dialogue style Assigning tasks reporting and	Short exams Assignment of duty discussions

10	2 Theoretical	A4 The student learns about the concept of indifference curve theory قسم الاقتصاد الزراعي	Consumer -demand theory introduction to indifference curves Definition of indifference curves	Auditory methods Style of writing on the blackboard Direct dialogue style Assigning tasks	Short exams Assignment of duty discussions
	Practical3	A5 Identify the properties of indifference curves The concept of budget constraint line C8 Learn graphically how to draw indifference curves and budget constraint lines	Properties of indifference curves Budget constraint line Exercises on drawing indifference curves and budget constraint lines	Auditory methods Style of writing on the blackboard Direct dialogue style Assigning tasks	Short exams Assignment of duty discussions
11	2 Theoretical	A6 The student learns about the concept of consumer equilibrium according to the theory of indifference curves	Consumer equilibrium in the theory of equalization intentions Exchange	Auditory methods Style of writing on the blackboard dialogue Direct style Assigning tasks reporting and	Short exams Assignment of duty discussions
	Practical3	E2 The student distinguishes between and methods of exchange how the consumer balances according to the theory of indifference curves	Mathematical exercises and diagrams about consumer equilibrium according to modern theory	Auditory methods Style of writing on the blackboard Direct dialogue style Assigning tasks reporting and	Short exams Assignment of duty discussions
12	2 Theoretical	A7 student learns about The consumption - the income curve C9 How to derive it graphically, Engel curve price -and consumption 'curve B11How to derive the consumer demand curve according to the theory of indifference curves	- Consumption income curve Angel curve Consumption and price curve Derive the consumer demand curve	Auditory methods Style of writing on the blackboard Direct dialogue style Assigning tasks reporting and	Short exams Assignment of duty discussions
	Practical3	D4The student compares distinguishes and the Engel curve, the price curve, -consumption -and the consumption	Mathematical and applied exercises on derivation Angel curve	Auditory methods Style of writing on the blackboard	Short exams Assignment of duty discussions




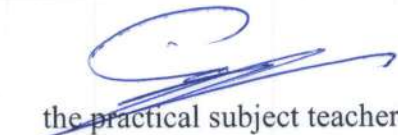
		income curve	Consumption and price curve And the consumer demand curve	Direct dialogue style Assigning tasks reporting and	
13	2 Theoretical	B12 Explains to the student the total, average, and marginal product, the law of diminishing returns, and the stages of production C10 Figure of the curve of average product and marginal product	Production theory production with) one variable (input Total, average and marginal output Stages of production	Auditory methods Style of writing on the blackboard Direct dialogue style Assigning tasks reporting and	Short exams Assignment of duty discussions
	3 Practical	D5 The student compares and distinguishes between the stages of production E3 distinguishes between the derivatives of the production function	Exercises on the derivatives the of production function graphically and mathematically Define production stages graphically	Auditory methods Style of writing on the blackboard Direct dialogue style Assigning tasks reporting and	Short exams Assignment of duty discussions
14	2 Theoretical	B13 Shows the student isoquants And the technical marginal rate of substitution	Production using two inputs isoquant curve : Technical marginal rate of substitution	Auditory methods Style of writing on the blackboard Direct dialogue style Assigning tasks reporting and	Short exams Assignment of duty discussions
	3 Practical	D6 The student analyzes the properties of isoquants and isoquants	Properties of isoquant curves Isocost curves	Auditory methods Style of writing on the blackboard Direct dialogue style Assigning tasks reporting and	Short exams Assignment of duty discussions
15	2 Theoretical	B14 sets the student's path of expansion How to replace productive elements And constant, increasing and decreasing returns to scale	Product balance Expansion path Replace elements Constant, increasing and decreasing returns to scale	Auditory methods Writing style on the blackboard Direct dialogue style Assigning tasks reporting and	Short exams Assignment of duty discussions
	3 Practical	B15 The student learns how to determine the path	Mathematical and graphic	Auditory methods Writing style on	Short exams Assignment

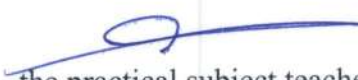
		of expansion D7 The student compares the types of yield by volume	exercises on product balance Expansion path Replace elements Constant, increasing and decreasing returns to scale	the blackboard Direct dialogue style Assigning tasks reporting and	of duty discussions
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Course evaluation				
T	Calendar methods	appointment Calendar a week	Class	% Relative weight
1	Final theoretical + report	15-1 My theory week	5	5
2	Quiz Short test 1	Week 3	5 5	10
3	Theoretical Midterm test and practical	Week 9	10 5	15
4	Short test Quiz 2	Week 12	5 5	10
5	Final practical test	Practical exam week	20	20
	Final theoretical test	A week of theoretical exam	40	40
	the total		100	100
Learning and teaching resources -				
Unit Economics Theory, Dominic Salvatore Introduction to Microeconomics, Dr. Muhammad Ahmad Effendi, 2012 Microeconomic Theory, Ahmed Zubair Jaata Lectures in Agricultural Production Economics, Dr. Khaled Al-Ruwais, King Saud University				



 The theoretical subject teacher
 Dr. Ahmed Hashim Ali


 the practical subject teacher
 M.M. Mohamed Hamed Ahmed


 the practical subject teacher
 M.M. Farah Mohsen Ali




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


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