

1. أسم المقرر:					
Economic mathematics					
2. رمز المقرر:					
3. الفصل / السنة:					
First course					
4. تاريخ أعداد هذا الوصف:					
2024/10/1					
5. أشكال الحضور المتاحة:					
In-person + online (when need)					
6. عدد الساعات الدراسية (الكلي) / عدد الوحدات (الكلي) :					
3hours / 3 units					
7. أسم مسؤول المقرر الدراسي					
الاسم: م.م. عبدالرحمن علي حسن الإيميل: abdulrahman.ali@uowa.edu.iq					
8. أهداف المقرر					
<div><div><div>✓ <input type="checkbox"/> Introduce the student to the basic concepts of economic mathematics.</div><div>✓ <input type="checkbox"/> Understand the mathematical tools necessary for economic analysis.</div><div>✓ <input type="checkbox"/> Provide the student with the ability to formulate economic models and transform economic problems into mathematical formulas.</div><div>✓ <input type="checkbox"/> Develop the student's ability to correctly solve mathematical equations.</div><div>✓ <input type="checkbox"/> Enhance the student's skill in handling quantitative data and linking it to economic concepts.</div></div></div>			<div>Course objectives</div>		
9. استراتيجيات التعليم والتعلم					
<div><div><div>✓ <input type="checkbox"/> Theoretical lectures supported by presentations (Mindomo).</div><div>✓ <input type="checkbox"/> Classroom discussions and mathematical problem solving.</div><div>✓ <input type="checkbox"/> Project-based learning (preparing short reports and research).</div><div>✓ <input type="checkbox"/> Training on how to formulate mathematical models for economic problems.</div><div>✓ <input type="checkbox"/> Utilizing electronic and library resources.</div></div></div>					
10. بنية المقرر					
The week	Watches	Required learning outcomes	Unit name/ topic	Teachin g	Evalu ation

				method	Meth od
1	3	A brief overview of economic mathematics	Concept of economic mathematics	a lecture	Daily
2	3	Review previous . courses	Review of some previous courses	a lecture	Daily
3	3	Derivative rules	The topic of derivatives and their rules	a lecture	Daily
4	3	First-order optimization	Variable optimization of revenue, cost and profit functions	a lecture	Daily
5	3	Bivariate optimization	Unconstrained bivariate optimization	a lecture	Daily
6	3	Daily exam	Daily exam	exam	Exam
7	3	Constrained optimization	Solve the constrained optimization using the Lagrange method	a lecture	Daily
8	3	First month exam	First month exam	Exam	Exam
9	3	Consumer equilibrium	Determining optimal satisfaction through consumption of two goods	a lecture	Daily
10	3	Implicit function	Implicit function	a lecture	Daily
11	3	Total differentiation	Total differentiation	a lecture	Daily
12	3	Shadow prices	Shadow prices	a lecture	Daily

13	3	Value functions	Value functions	a lecture	Daily
14	3	Comparative statistics	Comparative statistics	a lecture	Daily
15	3	Second month exam	Second month exam	exam	Exam

11. تقييم المقرر

The grade is distributed out of 100 based on the student's assigned tasks, such as daily preparation, daily, oral, and monthly exams, written work, reports, etc.

A. Classroom preparation and participation: 10 points

B. Quizzes: 10 points

C. Reports and assignments: 10 points

D. Monthly exam: 20 points

E. Final exam: 50 points

F. Total = 100 points

12. مصادر التعلم والتدريس

لا يوجد	الكتب المقررة المطلوبة
- -Book (Human Resources Management, Al-Salem, Mu'ayyad Saeed, Saleh, Adel Harhoush.)	المراجع الرئيسية
	الكتب والمراجع الساندة التي يوصى بها
Journals and scientific research in economic mathematics	المراجع الالكترونية، مواقع الانترنت



**University of the Inheritors of the Prophets
(AS) College of Management and Economics
Department of Oil and Gas Economics**

Course Description Template

Energy and its alternatives			Course name	1
			Course Code	2
2025/2024	The academic year	the first	The chapter	3
2024/9/1			Description History	4
The physical presence in the classroom			Available forms of attendance	5
Theory class 90	Total number of study hours			6
The email	The name			7
hayder.adil@uowa.edu.iq	M.M Haidar Adel Ahmad Al-Saadi			Name of the course coordinator
A. Teaching the student and gaining experience in identifying the tools of scientific research and the concept of energy science and its alternatives .B. Training and teaching the student to design methods for preserving the environment from pollution caused by non-clean energy and how to address it .C. Deepening the student's understanding of the concept of utilizing clean energy .D. Deepening the student's understanding of the importance of innovations and modern industries created by energy .E. Teaching the student the importance of the Ministry of Oil's oversight on oil licensing contracts. F. Teaching the student and giving him experience in the field of energy and its uses.			Course Objectives (Course Material Objectives)	8

<p>A- Knowledge and Understanding:</p> <p>1 - Knowledge and understanding of energy material</p> <p>2 - Understanding the importance of energy in the field of economy and management.</p> <p>3 - Knowledge and understanding of types of energy and ways to measure them</p> <p>4 - Knowledge and understanding of the mistakes that the environment may be exposed to due to the incorrect use of energy.</p> <p>B - Subject-specific skills: Highlighting practical cases from the research sample of a particular community.</p> <p>J- Thinking Skills:</p> <p>1- The direct way of thinking based on logic in organizing and categorizing predetermined criteria.</p> <p>2- The indirect way of thinking based on searching for keys to problem solutions among a set of available data and information.</p> <p>D- Evaluation Methods:1- Written tests (2 monthly exams) (40 points).2- Oral and paper tests (daily exams) (5 points).3- Attendance, participation, and assignments (5 points).</p> <p>D- Teaching and Learning Methods:1- In-person lectures and group discussions.</p> <p>W- Evaluation Methods:General and transferable experiences (other skills related to employability and personal development) knowledge transferred from previous economic subjects.</p>				Teaching and Learning Strategies (Strategy)	9
				Course structure	10
Evaluation method	Learning method	Name of the unit or topic	Required learning outcomes	The hours	The week
Daily	Lecture	A brief overview of the concept of energy science.	A brief overview of the concept of energy science.	3	1
Daily	Lecture	Chapter One Definition of Energy	Definition of energy	3	2
Daily	Lecture	The importance of energy science in the fields of economics and management	The importance of energy science in the fields of economics and management	3	3

Exam	Exam	The first exam of the first semester and the solutions to the exam questions.	The first exam of the first semester and the solutions to the exam questions.	3	4
Daily	Lecture	The energy code and its function	The energy code and its function	3	5
Daily	Lecture	Benefits of Energy	Benefits of Energy	3	6
Daily	Lecture	Forms of energy	Forms of energy	3	7
Exam	Exam	First month exam	The first exam	3	8
Daily	Lecture	Types of energy	Types of energy	3	9
Daily	Lecture	Sources of energy and their types	Sources of energy and their types	3	10
Daily	Lecture	Renewable and non-renewable energy sources	Renewable and non-renewable energy sources	3	11
Daily	Lecture	Characteristics of renewable energy	Characteristics of renewable energy	3	12
Daily	Lecture	Classification of energy sources	Classification of energy sources	3	13
Daily	Lecture	The role of energy in the economy	The role of energy in the economy	3	14
Exam	Exam	Second month exam	The second exam		15
Course evaluation: The distribution of the grade out of 100 according to the tasks assigned to the student such as daily preparation, daily and oral exams, monthly and written exams, and reports, etc.					11
Learning and Teaching Resources					12

There is no prescribed book.		Main References	
The Book by Frederick P. Bordin		Supporting references (magazines and reports)	
Book by Paul Hager , Iraqi Ministry of Oil, Contracts and Licensing Department, Annual Report of the Ministry www.oil.gov.iq		Electronic references	
Dr. Fahd Mughaimish Al-Shammari		Department Head Name	
		His signature	
2024/9/1		History	

Course Description: Microeconomics 1

1. Course Title	
Microeconomics 1	
2. Course Code	
To be assigned by the academic department	
3. Semester / Academic Year	
First Semester	
4. Date of Description Preparation	
September 2, 2024	
5. Available Attendance Modes	
In-person + Online (Blended Learning)	
6. Total Study Hours / Units	
3 hours per week / 3 credit units	
7. Course Coordinator	
Dr. Hussein Alaa Matouk Email: hussain.m@uowa.edu.iq	
8. Course Objectives	
Course Objectives	<ul style="list-style-type: none"> ✓ Introduce students to the fundamental concepts of economics at individual and unit level, and their role in economic growth. ✓ Develop students' understanding of market characteristics, objectives and types. ✓ Enable students to distinguish between demand and supply at enterprise level. ✓ Equip students with the ability to analyze consumer behavior and decision-making among various goods and services. ✓ Train students in managing the production process and identifying influencing factors. ✓ Prepare students to understand how firms maximize profits by increasing revenues and minimizing costs.
9. Teaching and Learning Strategies	
<ul style="list-style-type: none"> -Theoretical lectures supported by visual presentations (Mindomo) -Classroom discussions and case study analysis -Project-based learning (reports and short research papers) -Practical training in banking transactions -Use of digital and library resources 	

10. Weekly Course Structure

Week	Hours	Learning Outcomes	Unit / Topic	Learning Method	Assessment
1	3	Understand the concept and importance of economics	Introduction to Economics	Lecture + Discussion	Oral Questions
2	3	Distinguish between macro and microeconomics	Macro vs. Microeconomics	Lecture + Participation	Quiz
3	3	Understand the economic problem	Economic Problem & Scarcity	Lecture + Applied Examples	Short Report
4	3	Understand production theory	Production Theory	Lecture + Practical Analysis	Assignment
5	3	Identify elements of the economic system	Factors of Production	Lecture + Training	Quiz
6	3	Analyze the Production Possibility Curve	PPC	Lecture + Training	Assignment
7	3	Distinguish between total and marginal utility	Total vs. Marginal Utility	Lecture + Discussion	Participation
8	3	Interpret consumer behavior	Utility Theory	Lecture + Case Studies	Monthly Exam
9	3	Understand opportunity cost	Opportunity Cost	Lecture + Table Analysis	Assignment
10	3	Analyze demand and its determinants	Demand	Lecture + Case Study	Short Report
11	3	Interpret the law of demand	Law of Demand	Lecture + Practical Training	Quiz
12	3	Understand demand elasticity	Price & Income Elasticity of Demand	Lecture + Exercise	Report
13	3	Analyze supply and its determinants	Supply & Law of Supply	Lecture + Discussion	Assignment
14	3	Understand supply elasticity	Supply Elasticity	Review + Exercises	Class Participation
15	3	Final Exam	Final Assessment	Written / In-person	Final Exam

11. Course Evaluation

Component	Marks
Daily preparation and class participation	10
Quizzes	10
Reports and assignments	10
Monthly exam	20

Final exam	50
Total	100
12. Learning Resources	
Required Textbook	prof.Dr.Kamel Alawi & Prof. Dr. Hassan Latif – <i>Microeconomics</i>
Main References	<ul style="list-style-type: none"> • Principles of Microeconomics – N. Gregory Mankiw • Peter S. Rose – Commercial Bank Management
Recommended Supplementary Sources	<i>Microeconomics</i> – Prof. Dr. Tareq Al-Akeeli
Online resources	Online resources and academic journals in microeconomics

Crimes of the Ba'ath : Course Description Form

Party Regime

.1 Course name					
crimes of the Baath Party regime					
.2 Course code					
Determined by the scientific department					
.3 Semester/Year					
First course					
.4 Date of preparation of this description					
2024/10/1					
.5 attendance forms Available					
(person + online (when needed-In					
.6 (Number of study hours (total) / Number of units (total					
hours / 2 units 2					
.7 Course instructor name					
:Email		Diaa Mahdi Mohammed M.M :Name			
		mohammed.dheyaa@uowa.edu.iq			
.8 Course objectives					
<ul style="list-style-type: none"> ✓ Student education and acquisition Experience to identify Baath Party crimes ✓ Teaching how to identify crimes committed ✓ Teaching how to address crimes committed against the country's citizens ✓ Teaching how to redress the damage caused by the Ba'ath Party regime 				objectives Course	
.9 Teaching and learning strategies					
<ul style="list-style-type: none"> ✓ Providing theoretical lectures supported by presentation and demonstration) .toolsMindomo (. ✓ Include class discussions and analysis of different case studies. ✓ (short reports and research) Preparing educational work projects. ✓ deal with violations affecting individuals within the Training on how to country. ✓ y electronic and library sourcesBenefit from the information provided b. 				Strategy	
.10 Course structure					
Evaluation method	Learning method	Name of unit or topic	Required learning outcomes	watch es	week
Oral questions	Lecture + Discussion	The concept of crime and its types	historical development	3	1

Short test	Lecture + Participation	The concept of psychological crimes	Identifying psychological crimes	3	2
Short report	Lecture + practical examples	The Baath regime's position on religion	A close look at the Ba'ath regime's on religion position	3	3
duty	Lecture + practical analysis	Environmental crimes of the Baath Party regime	Identify and understand the risks of environmental crimes	3	4
Short test	Lecture + Training	Mass grave crimes	Get a clear picture of mass graves	3	5
duty	+ Lecture Discussion	Chronological classification of genocide graves	Identifying the chronological classification of genocide graves	3	6
monthly test	Writing / Attendance	First month exam	First month exam	3	7
sharing	Lecture + Case Studies	The events of 1983 and relationship to mass their graves	View the events of 1983	3	8
duty	+ Lecture Participation	Events of the 1991 Shaaban Uprising	To reach a clear vision about the events of the Shaaban uprising	3	9
Short report	Lecture + Case Study	mass grave The Kurdish Failis	Learn about the incident of the Faylee Kurds	3	10
discussion	a lecture	Eliminating opposition religious symbols	Identifying the arbitrary arrests and killings of clerics	3	11
Short test	Lecture + practical training	Genocide The Anfal	A detailed look at the events of the Anfal genocide	3	12
discussion	discussion	panel discussion	Get a summary of the lectures for the course	3	13
Safiya's participation	a test	Daily mug	cone	3	14
final exam	Writing / Attendance	Second month exam	Second month exam	3	15

Course Evaluation .11

based on the tasks assigned to the student, such as daily **The grade is distributed out of 100**
 .preparation, daily, oral, monthly and written exams, reports, etc

Classroom preparation and participation: 10 marks أ.

marks 0 Short tests: 1 ب.

marks 0 Reports and assignments: 1 ج.

Monthly test: 20 marks د.

marks 5.0 :Final Exam ه.

Total = 100 points و.

Learning and teaching resources .12

Curriculum of the Ministry of Higher Education and Scientific Research

Required textbooks

	references Main
	Recommended supporting books and references
commercial law Journals and scientific research on	Electronic references, websites

Course Description Form Human Resources Management

1. Course Name:	
Human Resources Management	
2. Course Code:	
Determined by the scientific department	
3. Semester / Year:	
2024/2025	
4. Description Preparation Date:	
1 /10/2024	
5. Available Attendance Forms:	
In-person + online (when needed)	
6. Number of Credit Hours (Total) / Number of Units (Total)	
3 hours / 3 units	
7. Course administrator's name (mention all, if more than one name)	
Name: M.M. Karrar Ali Al-Ghazi Email: karrar.ali@uowa.edu.iq	
8. Course Objectives	
Course Objectives	<ul style="list-style-type: none"> Educate and provide students with the experience to understand the concept of human resources. Learn how to identify organization workforce needs. Learn how to motivate employees and increase productivity through job satisfaction. Learn how to plan and allocate human resources in line with organizational goals. Learn how to improve employee relations and deal with and resolve conflicts. Prepare students to deal with problems and challenges with personal and practical skills.

9. Teaching and Learning Strategies

Strategy	<ul style="list-style-type: none"> • Deliver theoretical lectures supported by presentation and demonstration tools (Mindomo). • Include classroom discussions and analysis of various case studies. • Prepare educational work projects (short reports and research). • Train individuals or officials on how to deal with and cope with the work of institutions. • Utilize information provided by electronic and library sources
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10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	3	An idea about the stages of development of human resources management	Historical development of human resource management	a lecture	daily
2	3	Understand the concept of HR in organizations, its importance, objectives, strategies and .mission	Human Resources Management and Strategic Planning	a lecture	daily
3	3	Understand the nature of the relationships that govern HR work within organizations	Organizational/Individual Relationships and Retention	a lecture	daily
4	3	Learn about the importance of equal employment regulations and diversity in .organizations	Legal Framework for Equal Employment and Diversity	a lecture	daily
5	3	Learn about job analysis methods, job description	Job Analysis and Design	a lecture	daily

		cards and job .design techniques			
6	3	Gain a clear understanding of the ways and places of employment of individuals in the work .environment	Employment in labor markets	a lecture	daily
7	3	First month exam	First month exam	exam	exam
8	3	Learn how we .select individuals	Human Resources Selection	a lecture	daily
9	3	View training and development plans and programs for employees	Human Resources Training	a lecture	daily
10	3	How to manage, invest and develop experienced people	Talent Management and Development	a lecture	daily
11	3	Learn about employee performance evaluation methods	Performance management and evaluation	a lecture	daily
12	3	Review the rewards system, the details of the concept of variable wages, and methods of paying .compensation	Total Executive Compensation and Bonuses/Variable Pay	a lecture	daily
13	3	Identify and manage the	Employee Benefits Management	a lecture	daily

		characteristics and positives of working individuals			
14	3	Identifying risk levels at work and developing a protection system/measuring and evaluating the level of performance	Risk Management and Occupational Safety/Performance Evaluation System	a lecture	daily
15	3	Second month exam	Second month exam	exam	exam

11. Course Evaluation

Distributing the score out of 100 according to the tasks assigned to the student such as daily preparation, daily oral, monthly, or written exams, reports etc

A. Classroom Preparation and Participation: 10 marks

B. Quizzes: 10 marks

C. Reports and Assignments: 10 marks

D. Monthly Test: 20 marks

E. Final Exam: 50 marks

F. Total = 100 marks

12. Learning and Teaching Resources

Required textbooks (curricular books, if any)	There is no prescribed book.
Main references (sources)	Human Resources Management Al-Salem, Mu'ayyad Saeed, Sale Adel Harhoush.
Recommended books and references (scientific journals, reports...)	Human Resources Management A Brief Guide, Abdul Aziz Omar Barqaba Al-Amoudi. Personnel Management (Human Resources) Between Theory and Practice, Muhammad Musa Ahmad.
Electronic References, Websites	Journals and scientific research on human resources management

Course Description Form Organization theory

1. Course Name:					
Organization theory					
2. Course Code:					
Determined by the scientific department					
3. Semester / Year:					
2023/2024					
4. Description Preparation Date:					
1 /10/2024					
5. Available Attendance Forms:					
In-person + online (when needed)					
6. Number of Credit Hours (Total) / Number of Units (Total)					
3 hours / 3 units					
7. Course administrator's name (mention all, if more than one name)					
Name: M.M. Karrar Ali Al-Ghazi Email: karrar.ali@uowa.edu.iq					
8. Course Objectives					
Course Objectives		A. Educating and providing students with experience in understanding concept of organizational theory. B. Learning how to identify organizations' workforce needs. C– Learning how to motivate employees and increase productivity through job satisfaction. D. Learning how to improve employee relationships and deal with and resolve conflicts. E. Learning how to plan and organize work to align with organizational goals.			
9. Teaching and Learning Strategies					
Strategy	<ul style="list-style-type: none"> Using technology and learning with artificial intelligence Classroom discussion and feedback Daily tests, monthly and final exams Using illustrative practical examples 				
10. Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
	3	Features of	An idea about the stages	a	daily

1		thinking in organizational theory.	of development of the organization theory	lecture	
2	3	Early stage and the era of classical organizational thought.	Learn about the concept of organizational theory in organizations.	a lecture	daily
3	3	The development of curricula in modern organizational thought.	The intellectual sequence of the organizing process	a lecture	daily
4	3	Schools of administrative and organizational thought	To identify and learn about the importance of administrative.	a lecture	daily
5	3	Organization theory in the thought of the new modernists.	Addressing the knowledge of modern intellectual organization	a lecture	daily
6	3	Types of organizations	Get a clear idea about the types of organizations	a lecture	daily
7	3	First month exam	First month exam	exam	exam
8	3	Reflexive organizational theory.	Learn how it works	a lecture	daily
9	3	Organizational structure and	View the organizational	a	daily

		organizational design.	structure and design	lecture	
10	3	Technology and its organizational implications.	How to manage and invest in technology owners	a lecture	daily
11	3	Movement theory in organizational thought.	Learn about the theory of motion	a lecture	daily
12	3	Organizational life cycle	Clear understanding of the stages of the life cycle	a lecture	daily
13	3	Postmodern organizational theory.	Identify the characteristics of theories	a lecture	daily
14	3	Open system	System concept and steps	a lecture	daily
15	3	Second month exam	Second month exam	exam	exam

11. Course Evaluation

Distributing the score out of 100 according to the tasks assigned to the student such as daily preparation, daily oral, monthly, or written exams, reports etc

A. Classroom Preparation and Participation: 10 marks

B. Quizzes: 10 marks

C. Reports and Assignments: 10 marks

D. Monthly Test: 20 marks

E. Final Exam: 50 marks

F. Total = 100 marks

12. Learning and Teaching Resources

Required textbooks (curricular books, if any)	There is no prescribed book.
Main references (sources)	The Theory of Organization and Institutions, Abd Rabbuh, Raed, 201
Recommended books and references (scientific journals, reports...)	The book (The Development of Organizational Thought of the Organization, Nour Al-Drin, Taourin

	2009).
Electronic References, Websites	Journals and scientific research on human resources management

Risk Management and Insurance Course Description Template

.1 Course name	
Risk Management and Insurance	
.2 Course code	
Determined by the scientific department	
.3 Semester/Year	
Second course	
.4 Date of preparation of this description	
2024/10/1	
.5 attendance forms Available	
(person + online (when needed-In	
.6 : (Number of study hours (total) / Number of units (total	
hours / 3 units 3	
.7 Course instructor name	
:Email Abbas Abdel-Aali Karim Al-Aboudi	
.8 Course objectives	
<p>-Introducing the student to risk management and insurance as a science, and understanding its importance, scope, elements, and the extent of the need for it.</p> <p>-Shedding light on the historical development of the idea of insurance and various risk management, in modern contemporary schools.</p> <p>-Identifying the factors contributing to risk, the different ways to avoid risk or mitigate its severity, and the different insurance methods to reduce risks.</p> <p>- Familiarity with the different types of insurance methods, and what can be insured, starting from individuals to means of transportation.</p>	Course objectives
.9 Teaching and learning strategies	
<ul style="list-style-type: none"> ✓ A- Cognitive objectives ✓ A1- Knowing the basis for starting interest in the field of risk management. ✓ A2- Knowing the basis for starting interest in the field of insurance. ✓ A3- Understanding the relationship between risk management and insurance and all functions of the facility and understanding the major role 	Strategy

of senior management in achieving the foundations of insurance to avoid risks. ✓ A4- The necessity of interest and familiarity with the administrative functions of risk and insurance in various areas and all available activities. ✓ A5- Realizing the importance of risk management and insurance in driving business organizations towards progress and advancement. ✓ A6- Knowing how to calculate risk rates and insurance premiums in all its fields.					
Course structure .10					
Evaluation method	Learning method	Name of unit or topic	Required learning outcomes	watches	week
direct observation	Lecture explanation	Concept and source of risk	Learn the nature of the source of danger	3	1
Direct questions	Lecture and dialogue explanation	Risk factors, risk classification and conditions	Understanding risk, its sources and factors	3	2
Questions and Discussions	Lecture explanation	Risk management concept and measurement	Management and its environment	3	3
Oral examinations	Lecture explanation	The concept of legal and technical insurance and its benefits	Insurance and its benefits	3	4
Direct questions	Lecture and discussion	Division of insurance types theoretically and objectively	Types of insurance	3	5
		Exam	Insurance contract	3	6
Direct questions	Lecture and discussion	Definition of insurance contract, its types and conditions	Understanding the types and methods of insurance	3	7
Discussions and questions	Lecture and discussion	Civil Liability and Property/Fire Insurance	Understanding insurance areas	3	8
Direct questions	Lecturing and dialogue	Theft and engineering insurance	Legal principles of insurance contract	3	9
direct observation	Lecturing and dialogue	The principles that form the basis of the legitimacy of the insurance contract	Understanding the Elements of an Insurance Contract	3	10
Discussions and questions	Lecturing and dialogue	The concept of parties and elements of an insurance contract	Insurance companies	3	11
Direct questions	Lecture and group discussions	Definition of insurance companies and their types	Insurance companies jobs and conditions for their establishment	3	12
Discussions and questions	Lecture and group discussions	Identify and understand the functions of insurance companies and the conditions for their establishment	Understand and learn the areas of insurance service marketing	3	13
direct observation	Lecture and group discussions	Life Insurance and Insurance Marketing	Insurance contract	3	14
			Understanding the	3	15

			types and methods of insurance		
Course Evaluation .11					
based on the tasks assigned to the student, such as daily The grade is distributed out of 100 .daily, oral, monthly and written exams, reports, etc ‘preparation Classroom preparation and participation: 10 marks أ. marks 0 Short tests: 1 ب. marks 0 Reports and assignments: 1 ج. Monthly test: 20 marks د. marks 5.0 :Final Exam ه. Total = 100 points و.					
resources Learning and teaching .12					
Risk Management and Insurance – 2016			Required textbooks		
			Authored by: Salim Ali Al-Wardi.		
Risk Management and Insurance – 2016			Main References (Sources)		
			Authored by: Salim Ali Al-Wardi.		

1. أسم المقرر:					
Financial mathematics					
2. رمز المقرر:					
3. الفصل / السنة:					
second course					
4. تاريخ أعداد هذا الوصف:					
2024/10/1					
5. أشكال الحضور المتاحة:					
In-person + online (when need)					
6. عدد الساعات الدراسية (الكلي) / عدد الوحدات (الكلي) :					
3hours / 3 units					
7. أسم مسؤول المقرر الدراسي					
الاسم: م.م. عبدالرحمن علي حسن الإيميل: abdulrahman.ali@uowa.edu.iq					
8. أهداف المقرر					
<div><div><div>✓ A. Educating the student and providing him with experience in understanding the concept of financial mathematics.</div><div>✓ B. Learning the concept of simple interest.</div><div>✓ C. Learning how to find the amount of interest.</div><div>✓ C. Learning how to determine the interest period.</div><div>✓ C. Learning how to calculate discount.</div></div></div>			Course objectives		
9. استراتيجيات التعليم والتعلم					
<div><div><div>✓ <input type="checkbox"/> Theoretical lectures supported by presentations (Mindomo).</div><div>✓ <input type="checkbox"/> Classroom discussions and mathematical problem solving.</div><div>✓ <input type="checkbox"/> Project-based learning (preparing short reports and research).</div><div>✓ <input type="checkbox"/> Training on how to formulate mathematical models for economic problems.</div><div>✓ <input type="checkbox"/> Utilizing electronic and library resources.</div></div></div>					
10. بنية المقرر					
The week	Watches	Required learning outcomes	Unit name/ topic	Teachin g method	Evalu ation Meth od
1	3	A brief overview of	A brief overview	a	Daily

		financial mathematics	of financial mathematics	lecture	
2	3	Review previous . courses	Review of some previous courses	a lecture	Daily
3	3	Simple interest	Simple interest	a lecture	Daily
4	3	Simple interest calculation methods	Al-Nimr and Al-Qawasim method of calculating simple interest	a lecture	Daily
5	3	Simple interest calculation methods	Regular equal payments method	a lecture	Daily
6	3	Daily exam	Daily exam	Exam	Exam
7	3	Benefits	Nominal and real interest	a lecture	Daily
8	3	First month exam	First month exam	Exam	Exam
9	3	Trade discount	Trade discount	a lecture	Daily
10	3	Compound interest	Compound interest	a lecture	Daily
11	3	Compound interest	Method of calculating compound interest	a lecture	Daily
12	3	Loan amortization schedule	Loan amortization schedule	a lecture	Daily
13	3	Daily exam	Daily exam	exam	Exam
14	3	Loan amortization schedule	Loan amortization schedule	a lecture	Daily
15	3	Second month exam	Second month exam	exam	Exam

11. تقييم المقرر

The grade is distributed out of 100 based on the student's assigned tasks, such as daily preparation, daily, oral, and monthly exams, written work, reports, etc.

A. Classroom preparation and participation: 10 points

B. Quizzes: 10 points

C. Reports and assignments: 10 points

D. Monthly exam: 20 points

E. Final exam: 50 points

أ. F. Total = 100 points

12. مصادر التعلم والتدريس	
لا يوجد	الكتب المقررة المطلوبة
Book (Financial Mathematics, Muhammad (Badawi - Book (Financial Mathematics, Adnan Karim Najm Al-Din).	المراجع الرئيسة
	الكتب والمراجع الساندة التي يوصى بها
Journals and scientific research in economic mathematics	المراجع الالكترونية، مواقع الانترنت

Computer 2 Course Description Template

:Course name .1					
Computer 2					
:Course code .2					
Determined by the scientific department					
:Semester/Year .3					
Second course					
:Date of preparation of this description .4					
2024/10/1					
:Available attendance forms .5					
(when needed) person + online-In					
:(Number of study hours (total) / Number of units (total .6					
hours / 3 units 3					
Course instructor name .7					
ameer.h@uowa.edu.iq :Email Name: M.M. Amir Hakim Hadi Jabbar					
Course objectives .8					
:This course aims to achieve the following A) Understanding the fundamentals of .computing and computer engineering B) Familiarity with operating systems and .application software C) Writing code using an appropriate .programming language D) Analyzing data and applying basic .artificial intelligence algorithms E) Understanding the impact of artificial intelligence on various practical fields..			objectives Course		
Teaching and learning strategies .9					
A) Understanding the fundamentals of computing B) Adhering to professional ethics C) Applying the fundamentals of artificial intelligence ✓ D) Mastering the principles of programming					Strategy
Course structure .10					
Evaluation method	Learning method	Name of unit or topic	Required learning outcomes	watches	week

daily	a lecture	Security and Networking	Security and Networking	3	1
daily	a lecture	Security and Networking	Security and Networking	3	2
daily	a lecture	E-Commerce	E-Commerce	3	3
daily	a lecture	Computer Troubleshooting	Computer Troubleshooting	3	4
daily	a lecture	Computer Troubleshooting	Computer Troubleshooting	3	5
daily	a lecture	Introduction to AI	Introduction to AI	3	6
daily	a lecture	First month exam	Exam	3	7
daily	a lecture	Introduction to AI	Introduction to AI	3	8
daily	a lecture	The Role of AI in Modern Smartphones	The Role of AI in Modern Smartphones	3	9
daily	a lecture	The Role of AI in Modern Smartphones	The Role of AI in Modern Smartphones	3	10
daily	a lecture	Applications and Tools of AI	Applications and Tools of AI	3	11
daily	a lecture	Applications and Tools of AI	Applications and Tools of AI	3	12
daily	a lecture	AI and Society	AI and Society	3	13
daily	a lecture	Ethical Challenges in AI	Ethical Challenges in AI	3	14
Exam	Exam	Second month exam	Exam	3	15

Evaluation Course .11

based on the tasks assigned to the student, such as daily **The grade is distributed out of 100**
 .preparation, daily, oral, monthly and written exams, reports, etc

أ. Classroom preparation and participation: 10 marks

ب. 1 Short tests: 0 marks

ج. 1 Reports and assignments: 0 marks

د. Monthly test: 20 marks

هـ. Final Exam :5.0 marks

و. **Total = 100 points**

Learning and teaching resources .12

<p>Graham Brown, David Watson, "Cambridge IGCSE (Technology)", 3rd Edition (2020) Alan Evans, Kendall Martin, Mary Anne Poatsy, "Introduction to Artificial Intelligence", 16th Edition (2020) (Ahmed Banafa, "Introduction to Artificial Intelligence", 1st Edition (2020) Microsoft Office 2019 Step by Step 1st Edition (2016) الخضر على الخضر بحث " أساسيات الحاسوب " 2016 عادل عبد النور، مدخل إلى عالم الذكاء الاصطناعي " 2005</p>	<p>Required textbooks</p>
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Investment Principles Course Description Template

.1 Course name					
Investment principles					
.2 Course code					
Determined by the scientific department					
.3 Semester/Year					
Second course					
.4 Date of preparation of this description					
2024/9/5					
.5 Available attendance forms					
(person + online (when needed-In					
.6 (Number of study hours (total) / Number of units (total					
hours / 3 units 3					
.7 Course instructor name					
ameer.h@uowa.edu.iq :Email Name: M.M. Amir Hakim Hadi Jabbar					
.8 objectives Course					
Understand the concept of -1 .investment and its importance Identify the relationship between -2 .investment and GDP .Identify the types of investment -3 .Identify investment information -4 Identify the advantages of -5 .investment 6- Identify the return and risk of .investment			Course objectives		
.9 Teaching and learning strategies					
✓) Theoretical lectures supported by presentationsMindomo (. ✓ Class discussions and case study analysis. ✓ (based learning (preparing short reports and research-Project. ✓ on how to work with banking transactions Training. ✓ Benefit from electronic and library resources.					Strategy
.10 Course structure					
Evaluation method	Learning method	Name of unit or topic	Required learning	watches	week

			outcomes		
Oral questions	Lecture + Discussion	Introducing the topics with the students about the importance of the course	Get to know the	3	1
test Short	Lecture + Participation	Investment concepts	Understanding and memorization	3	2
Short report	Lecture + practical examples	investment decisions	Understanding, analysis, and inference	3	3
duty	Lecture + practical analysis	Investment program features	Understanding and memorization	3	4
Short test	Lecture + Training	The difference between investment and speculation	Understanding, analysis, and inference	3	5
duty	Lecture + Training	Factors to consider when making investment decisions	Understanding, analysis, and inference	3	6
sharing	Lecture + Discussion	Characteristics of investment decisions	Understanding, analysis, and inference	3	7
monthly test	Lecture + Case Studies	The difference between real investment and financial investment	Midterm assessment test	3	8
duty	Lecture + Table Analysis	Factors affecting investment	Understanding and memorization	3	9
Short report	Lecture + Case Study	Investment restrictions	Understanding, analysis, and inference	3	10
Short test	Lecture + practical training	Investment financing	Understanding and	3	11

			memorization		
a report	Lecture + Exercise	Sources and methods of funding	Understanding, analysis, and inference	3	12
duty	Lecture + Discussion	Investment field	Understanding, analysis, and inference	3	13
Safiya's participation	Review + Exercises	Disadvantages of financial and real investment	Understanding, analysis, and inference	3	14
final exam	Writing / Attendance	Final Assessment Test	Final Assessment Test	3	15

Course Evaluation 11

such as daily 'based on the tasks assigned to the student **The grade is distributed out of 100**
 .preparation, daily, oral, monthly and written exams, reports, etc
 Classroom preparation and participation: 10 marks أ.
 marks 0 Short tests: 1 ب.
 marks 0 Reports and assignments: 1 ج.
 Monthly test: 20 marks د.
 marks 5.0 :Final Exam ه.
Total = 100 points و.

Learning and teaching resources 12

Investment principles	Required textbooks
Wikipedia, the free encyclopedia -Investment principles	Main references
A.	
Investment principles	Recommended supporting books and references
on investment Journals and scientific research principles	Electronic references, websites

Course Description Form Business Law

.1 Course name					
Business Law					
.2 Course code					
Determined by the scientific department					
.3 Semester/Year					
Second course					
.4 Date of preparation of this description					
2025/3/1					
.5 Available attendance forms					
(when needed) person + online-In					
.6 (Number of study hours (total) / Number of units (total					
hours / 2 units 2					
.7 Course instructor name					
:Email		Diaa Mahdi Mohammed M.M :Name mohammed.dheyaa@uowa.edu.iq			
.8 Course objectives					
<ul style="list-style-type: none"> ✓ Explaining the divisions of commercial law, its sources and its importance ✓ Identify topics relevant to the Oil and Gas Economics section vocabulary ✓ Preparing scientific cadres after graduation in the field of oil and gas economics ✓ with align related work to-plan and distribute legal Learn how to .organizational goals 				objectives Course	
.9 Teaching and learning strategies					
<ul style="list-style-type: none"> ✓ Providing theoretical lectures supported by presentation and demonstration) .toolsMindomo (. ✓ Include class discussions and analysis of different case studies. ✓ (short reports and research) Preparing educational work projects. ✓ institutions, For legal work Training on how to deal with and cope with individuals or officials. ✓ ation provided by electronic and library sourcesBenefit from the inform. 				Strategy	
.10 Course structure					
Evaluation method	Learning method	Name of unit or topic	Required learning outcomes	watch es	week
questions Oral	Lecture + Discussion	Nature of the company	Company definition and objectives	3	1
Short test	Lecture + Participation	Nature of the company	Company contract and its pillars	3	2
Short report	Lecture +	Nature of the company	Legal personality	3	3

	practical examples		Legal personality results		
duty	Lecture + practical analysis	personal companies	Joint stock company and Its concept characteristics	3	4
Short test	Lecture + Training	Simple company	Simple company Its concept , establishment and liquidation	3	5
duty	+ Lecture Discussion	Individual project	Individual project Understandable and foundational And its characteristics	3	6
monthly test	Writing / Attendance	First month exam	First month exam	3	7
sharing	Lecture + Case Studies	mixed company	mixed company Its concept and characteristics	3	8
duty	+ Lecture Participation	Simple company	mixed company establishment, Its termination and liquidation	3	9
Short report	Lecture + Case Study	commercial papers	commercial papers Its concept, characteristics, objectives and benefits	3	10
Short test	Lecture + practical training	of The concept commercial transfer	Commercial transfer	3	11
a report	+ Lecture Participation	bill of exchange	bill of exchange Its provisions, rules and mandatory data	3	12
duty	+ Lecture Discussion	The instrument	The instrument Its concept and provisions	3	13
Safiya's participation	Review + Exercises	Joint stock company	The concept and characteristics of the stock company-joint	3	14
final exam	Writing / Attendance	Second month exam	Second month exam	3	15

Course Evaluation .11

based on the tasks assigned to the student, such as daily preparation, daily, oral, monthly and written exams, reports, etc

Classroom preparation and participation: 10 marks أ.

Short tests: 10 marks ب.

Reports and assignment: 10 marks ج.

Monthly test: 20 marks د.

Final Exam: 5.0 marks هـ.

Total = 100 points و.

Learning and teaching resources .12

.There is no prescribed book	Required textbooks
Commercial law texts and basic concepts	Main references
	Recommended supporting books references and
commercial law Journals and scientific research on	Electronic references, websites