and Higher Scientific Research, Ministry of Education,

of Mosul,   University

Administration and Economics Faculty of

Systems Department

Administrative information Description of the academic program

It describes the description of our academic programmes, the expected learning outcomes and objectives, the statement of achievement, a Whoooom

Woor standard for achieving the objectives, the subject of the story, the subject of the study, and then a description of each course in the programme.

Educational institution,	University of Al Mosul
university department,	Management Information Systems
name of the university program,	Bachelor of Management Information Systems Bachelor
name of the final certificate,	of Management Information Systems Courses
academic system, date	
of preparation of the description	2020-2021

Objectives of the electronic program

- Mainly the scientific level of the core and the teaching staff - creating

an appropriate climate for the core and teaching staff to

fill the need for scientific competencies - preparing the - responding to fluctuations R

and market challenges

The required program outcomes and methods of teaching, learning, and evaluation.

Objectives: Identifying

administrative theories

- Recognizing the details of administrative information systems - Takiya

Al-Qalam, gaining knowledge in the field of databases and programming languages in this field. Skill objectives - Takiya Al-Qalam, the

skill of sustaining

applications in the management of administrative operations and science in the field of administrative information systems, which provide

support to management in the field. Decision making.

teaching methods

- Theoretical and practical lectures - Discussion

sessions - Theoretical

fires

Evaluation methods

- Daily tests - Original tests

- Annual tests - Practices and

problems

- Participating in daily lectures - Preparing

scientific reports

Emotional goals -

Strengthening social relations with the teaching staff -

Strengthening relations with the heart

- Directing the completion of the heart towards humanitarian and

scientific matters - Supporting the spiritual divisions of the heart

Teaching and learning methods

- Teaching the student how to do mind reading and thematic reasoning - Instructing

the student about the basics of the course and additional topics - Recite

the key questions

Department of Management Information Systems   College of Administration and Economics   University of Al Mosul

Courses system

Curriculum for the first stage/first semester						T
Subjects	number Units	Number of hours Practical	Number of hours Theoretical	Course Code Code	Subject Name	
(1) Administration Business	3	-	3		Business Administration (1) 1	
(1) Accounting Financial	3	2	2		Financial Accounting (1) 2 Business	
Mathematics for business economy	3	2	2		Administration Mathematics 3	
management Partial	2	-	2		Microeconomics 4 Computer	
Computer skills	2	2			skills 5 English language (1) 6	
(1) Language English	2	-	1		Total hours	
	15	6	2 12			

Curriculum for the first stage/second semester						T
Subjects	number Units	Number of hours Practical	Number of hours Theoretical	Course Code Code	Subject Name	
(2) Administration Business	3	-	3		Business Administration (2) 1	
(2) Accounting Financial	3	2	2		Financial Accounting (2) 2 Business	
Statistics for business management	3	2	2		Administration for Statistics 3	
Macroeconomics	2	-	2		Macroeconomics 4 and	
Human rights and democracy	2	-	2		democracy, human rights 5	
English readings in management information systems	2	-	2		6 English readings in administrative information systems,	
LanguageArabic	2	-	2		Arabic	7
	17	4	15		language, total hours	

Subjects	number Units	Number of hours Practical	Number of hours Theoretical	Course Code Code	Subject Name	T
Curriculum for the second stage/first semester						
Management Marketing	3	-	3		Marketing Management 1 2	
Management Resource Human	3	-	3		Human Resources Management	
basics Programming	3	2	2		Programming Basics 3 Information	
Basics of information systems	2	-	2		Systems Basics 4	
technology information Business	3	-	3		5 Business information technology	
business in quantitative methods	2	2			6 Quantitative methods in business	
	16	4	1 14		**Total hours**	

Subjects	number Units	Number of hours Practical	Number of hours Theoretical	Course Code Code	Subject Name	T
Curriculum for the second stage/second semester						
Systems Information Marketing	3		2		1 Marketing information systems	
HR Information Systems	3	1 1	2		2 Human resources information systems	
C++ Programming	3	2	2		C++ programming language 3	
system information management	2	-	2		4 Management Information Systems	
infrastructure Computer	3	2	2		Computer Installation 5 and	
Information and network security (2)	2	-	2		Networks Information Security 6	
language English	2	-	2		English language (2) 7 **total**	
	18	6	14		**hours**	

Curriculum for the third stage/first semester

Subjects	number Units	Number of hours Practical	Number of hours Theoretical	Course Code Code	Subject Name	T
Communications Administrative	2	-	2		Administrative	
businesselectronic	3	-	3		Communications E-	1
Information systems analysis and design	3	1	2		Business Information Systems	2 3
systems support Decision	3		2		Analysis and	4
programming Visual	3	1	2		Design Decision	5
Databases	3	2	2		Support Systems	6
Research Operations	2	2			Visual Programming	7
	19	2 8	1 14		Databases Operations Research **Total**	

Curriculum for the third stage / second semester

Subjects	number Units	Number of hours Practical	Number of hours Theoretical	Course Code Code	Subject Name	T
Communications and Networking	2	-	2		Communications networks 1	
systems business Electronic	3	-	3		2 Electronic business systems 3	
Information systems analysis and design techniques	3	1	2		Information systems analysis and design techniques	
systems intelligence Business	3		2		Business intelligence systems 4	
Visual programming for business	3	1	2		For business, visual programming 5	
systems management Database	3	2	2		6 Database management systems	
applications research operations	2	2 2			7 Operations research applications	
(3) language English	2	-	1		English language (3) 8 **Total**	
	21	8	2 16		**hours**	

Subjects	number Units	Number of hours Practical	Number of hours Theoretical	Course Code Code	Subject Name	T
Curriculum for the fourth stage/first semester						
Production and Operations Management (1)	3	-	3		Production and Operations Management (1)	1
strategic management	3	-	3		Strategic Management	2
financial management	3	1	2		Financial Management	3
management Knowledge	2	-	2		Knowledge Management	4
intelligence Artificial	3		2		Artificial Intelligence 5 6	
Statistical applications in computer	2	1 2	1		Statistical Computer Applications 7 Scientific	
Methodology Research		-			Research Methods Total Hours	
	2 18	4	2 15			

Subjects	number Units	Number of hours Practical	Number of hours Theoretical	Course Code Code	Subject Name	T
Curriculum for the fourth stage/second semester						
Production and Operations Management (2)	3	-	3		Production and operations management (2)	1
Strategic Information Systems	3	-	3		Strategic information	2
Financial and banking information systems	3	1	2		systems 3 Financial and banking information	
systems management knowledge	2	-	2		systems Knowledge management	
Artificial intelligence systems	3	1	2		systems 4 5 Artificial intelligence	
(4) language English	2	-	2		systems English language (4)	
project research scientific	2	-	2		6 7 Scientific research project	

	18	2	16		total of hours

• Total hours in all stages (154) hours.

• Total units in all stages (142) units.

• The total number of study subjects in all stages is (55) subjects.

University of Mosul / College of Administration and Economics

(٢ ٠٢٢)2019 - 2020 ٢٠٢١)Study year

Methodological vocabulary form for the course

10F_19AEMI		:Academic symbol	Management information systems	:Science section
The first	The first	:Chapter/stage	Business Administration (1)	:Course Name
There is none		Previous courses:	Business Administration/1	(Name of course E:)
Primary	Study type:	2018 - 2019 ٢٠٢١	Update year:	Arabic	Language of instruction for the course:

Summary of course description:

To identify the concept of management and its development in administrative thought and to define the functions of both the manager and the organization, as well as the course aims to define the powers, responsibilities and theories of management.

	(three units 3)	Number of study units:
There are no practical hours	Number of practical hours:	(3 hours)	Number of theoretical hours:

Methodological vocabulary titles and details

the details	Vocabulary title	Weeks
Management and its functions, manager, business organization, contemporary challenges of management	Introduction to management concepts	1
Classical, behavioral, quantitative, modern schools, contemporary and future trends	And the past present Management B	2
Internal and external environment, culture, and diversity in business organizations	Environment, culture and diversity	3
Globalization, dimensions of the international environment (economic, political, legal and social), international business patterns (entry and investment strategies)	International business environment	4
The concept, importance, stages and benefits of planning, concept, levels, hierarchy, characteristics and areas of goals	Planning and setting goals 1	5
Types of plans (by time, level, and use), planning tools and methods (forecasting, scenarios, benchmarking)	Planning and setting goals 2	6
The concept, stages and types, the role of information technology in decision making	Decision making	7

The concept, organizational structure and its types, foundations for grouping organizational units	**Basics of organization**	**8**
Chain of command, authority, responsibility, accountability, delegation, scope of supervision, centralization and decentralization	**Organization mechanisms**	**9**
The concept and characteristics of a leader, leadership and management, leader and manager, influence and power, leadership and empowerment, leadership styles	**Driving basics**	**10**
Traditional theories, great man, traits, behavioral, Michigan, Ohio studies, managerial network theory	**Leadership theories (traditional and behavioral)**	**11**
Situational theories, interactionism theory, Fiedler, Hersey and Blancsard, path-goal, Vroom-Jago	**Situational leadership theories**	**12**
Charismatic, transactional and transformational, virtual leadership, working in the new work environment	**Modern trends in leadership**	**13**
Fundamentals, theories and motivation through job design and rewards	**Antiques j**	**14**
Concept and benefits, formal and informal, committees and workforce, virtual teams	**Building work teams**	**15**
Final (semester exam)		

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Main references:	
Khalil Muhammad Hassan Al-Shamaa (????), "Principles of Business Administration", Edition ????, Publishing House ?????, Al Balad ????.	**1**
0	**2**
Secondary references:	
Articles from the Internet	**1**
0	**2**

//201	**His history:**		**Scientific Committee:** No. No.
//201	**His history:**		**Department Council:** No. No.

Yum**Seal the first oath**

Department Head's signature:	**Signature of the subject**
	teacher: Bassam Abdel Rahman Al-Yoseb

University of Mosul / College of Administration and Economics

Academic year (2019-2020)

Vocabulary form for the course

		systems academic symbol	Management information	Scientific
The first	Department First Stage/Semester	Microeconomics Course Name Course Name (E)		Economics Micro Previous
	Courses			
Type of primary study		Year of update: 9191-9102 Language of instruction of the course	The course	

Summary of course description

This course is considered an introduction to the study of economics, and then provides the student with a simplified overview of the basic concepts of this science, so that the student has an idea of the importance of this science and the reasons that led to its study and development, and to identify the economic problem and understand the relationships and basic rules that govern economic activity, along with studying... Different economic systems.

	(9) unit		Number of study units and
	Number of working hours	(9) hours	number of theoretical hours

Methodological vocabulary titles and details

the details	Vocabulary titles	Weeks
The concept of economics, the relationship of economics to other sciences	Principles of Microeconomics	
The economic problem, the nature and patterns of its solution	Principles of Microeconomics	1 2
The concept of demand, the law of demand, the demand schedule, the demand curve, factors affecting demand (commodity price, income, prices of alternative commodities)	Demand Theory	3
Elasticities of demand (price, income, cross elasticities)	Demand theory,	4
Concepts and applications, factors affecting elasticity of demand,	demand theory,	5
concept of supply, law of supply, supply schedule, supply curve,	supply theory and market equilibrium	6
Factors affecting supply and supply elasticity (commodity price, production factor prices, number of producers...),)	The theory of supply and market equilibrium	7

Market equilibrium, equilibrium price and equilibrium quantity, the forces of supply and demand and their effects on the equilibrium price	The theory of supply and market equilibrium	8
Marginal utility theory (the concept of marginal and total utility, and utility analysis)	Consumer equilibrium theory	9
The law of diminishing marginal utility, disadvantages of the theory of utility	Consumer equilibrium theory,	11
The concept of indifference curves and its properties	indifference curve theory,	11
Equilibrium under the theory of indifference curves	indifference curve theory,	12
The concept of the production function, factors of production, law of diminishing returns	production theory,	13
Fixed and variable cost, average total cost and marginal cost in the short and long term.	costs theory	14
Perfect competition (concept, characteristics, equilibrium), perfect monopoly (concept, characteristics, equilibrium)	Markets	15

Main references	
Hussein, Majeed Ali, 9112 Principles of Economics, Zahran Printing and Publishing, Amman, Jordan	1
Al-Hasnawi, Karim Mahdi, 0221, Principles of Economics, Hossam Printing and Publishing, Baghdad, Iraq	2

Secondary references	
Al-Quraysh, Muhammad Saleh and Al-Shammari, Nazim, 0221, Principles of Economics, Dar Al-Kutub for Printing and Publishing	1
	2

	Its history		Minutes number of the Scientific Committee.
	Its history		Number of minutes of the Department Council

University of Mosul / College of Administration and Economics

Academic year (2019-2020)

Vocabulary form for the course

		Academic symbol	Management information systems,	Scientific
the second	The first one	Stage/Separation	mathematics for business administration	Department Course name
mathematics		Previous courses	Mathematics for Management Business	(E) The course is the name
Primary	Type of study	9191-9102	Update year	of the language of instruction of the course: Arabic

Summary of course description

Learn how to deal with solving a system of linear equations using the matrix method, as well as solving inverses, learning about vectors, and how to

Using statement theory and its geometric representation in mathematics.

(3) units			Number of study units and
(9) hours	Number of practical hours	(9) hours	number of theoretical hours

Methodological vocabulary titles and details

the details	Vocabulary titles	Weeks
It is a matrix that is extracted only for non-anomalous square matrices It is extracted by dividing each element of the accompanying matrix Matrix determinant.	The inverse of the second-order matrix	1
When the matrix is 3 x 3, follow the same steps as before.	The inverse of the matrix of order three	2
Properties of inverse multiplication in the matrix	Properties of matrix inverse	3
If we have n sums, which are xn3...x 2x 1x, and we have m of Linear equations: This is called a system of linear equations.	System of linear equations and Hama methods	4
This method is applied when the number of transactions is equal to a number The sums and the coefficients matrix are a non-anomalous matrix.	Solve the system using the matrix inverse	5
This method is applied depending on the determinants and when it is a number Equations by number of sums	Solve the system using Cramer's rule	6

This method is used when the number of totals is less than a number Equations.	Solve the system using matrix transposition	7
A group of numbers enclosed in parentheses arranged horizontally or horizontally Verticality and how to add, subtract and multiply vectors.	Vectors/types/algebraic generalizations Blindly	8
Every vector has a value or length and is a non-negative real number.	The standard product of the product and the length of the	9
If there are several vectors of the same dimension, a linear combination can be found So real that If you find numbers Lim $V = c_1v_1 + c_2v_2 + \ldots + c_nv_n$.	product. Linear combination and linear dependence	11
A vector is straight if it satisfies the following condition $c_1v_1 + c_2v_2 + \ldots + c_nv_n = 0$.	Linear independence	11
An effective and powerful tool for solving many mathematical issues, such as the statement G is a non-empty set V of a subordinate with a set E of non-empty pairs Tidy up rims.	Statement theory / concept / rank / degree	12
Data theory has great importance and many applications because of the possibility of representation A simple geometric statement that explains most of its properties.	Representation and full statement	13
It is a fundamental concept of great importance in data theory.	Paths, circuits and trees	14
Solve assignments, problems, and exams	Applications	15

Main references	
Thaer Faisal and Samer Muhammad Akour, Mathematics in Financial, Administrative, and Economic Generalities, 2002	1
Adnan Karim Najm Al-Din, "Mathematics for Management and Economics, 2002	2

Secondary references	
Aziz, Mathematics, 0991 My uncle	1
Fathi Khamil Hamdan, Mathematics for Administrative and Financial Sciences, 9002	2

	Its history		Minutes number of the Scientific Committee.
	Its history		Number of minutes of the Department Council

University of Mosul / College of Administration and Economics

Academic year (2019-2020)

Vocabulary form for the course

		systems academic symbol Management information	Scientific
The first	Department First stage/semester English language Course		name Course name
	(E) Language English Previous courses None		
The language of instruction for the course is English, the year of modernization 1991-2019, the type of initial study			

Summary of course description

The aim of teaching this subject is to provide the student with in-depth skills in speaking, writing, and

reading in the English language, by providing him with essential information about the rules and sounds of

the English letters.

			Number of study units and
(9) units			
	Number of practical hours	(9) hours	number of theoretical hours

Methodological vocabulary titles and details

the details	Vocabulary titles	Weeks
Am, is, are, my, your	Hello	1
He, she, they, his, her, Questions	Your World	2
Negative, Question, Short Answers	All about you	3
Possessive Adjectives, Possessives, Has, Have, Adjectives & noun	Family & Friends	4
Present Simple, I, You, We, They, a and an Adjectives noun	The way I live	5
Present Simple, he, she, Question & Negative, Adverbs and Frequency	Every Day	6
Questions Words, Subject/ Object/ Possessives this and that	My favourites	7

There is Love Prepositions	Where I live	8
Was, Were, born, Past simple-irregular verbs	Times Past	9
Past Simple-irregular, and regular We had a great time Question Negatives ago		11
Can, can ^{t} , Adverbs Requests and offers	I can do that	11
I'd like some and any like and Would Pleas and thank you like		12
Present Continuous, Present Simple and Present Continuous	Here and now	13
Future Plans	It's time to go	14
	Review	15

Main references	
John and Soars, New Headway: Beginner Student Book, fourth edition, Oxford	1

Secondary references	
	1
	2
	3

	Its history		Minutes number of the Scientific Committee.
	Its history		Number of minutes of the Department Council

University of Mosul / College of Administration and Economics

( )2019 - 2020 — ٢٠٢١)Study year

Methodological vocabulary form for the course

10F_19AEMI	: Academic symbol	Management information systems	: Science section
The first	The first	:Chapter/stage	Financial Accounting (1)	:Course Name
There is none		Previous courses:	Financial Accounting/1	(Name of course E:)
Primary	Study type:	2018 - 2019 ٢٠٢١_٢٠٢١	Update year:	Arabic	Language of instruction for the course:

Summary of course description:

The course provides the student with general and fairly detailed information about the theoretical background of financial accounting principles, with an explanation of the daily stages of financial operations and events, their posting and balance, and ending with the preparation of final accounts. The accounting cycle begins with registration in

And the advantage is instant

(three units 3)	Number of study units: (3) hours
Number of working hours:	Number of regular hours:

Methodological vocabulary titles and details

the details	Vocabulary title	Weeks
Objectives of accounting, accounting and bookkeeping, the relationship of accounting with other branches of knowledge, branches of study in accounting, the accounting profession and fields of work.	Accounting is a system of administrative and economic information	1
Single entry, double entry.	Register F , Historical development Accounting operations	2
Accounting elements, the accounting equation, the impact of financial operations on the elements of the budget equation	How to use the budget as a basis Application of theory , Single entry	3
Accounting documents and records, journal record, ledger record, trial balance, closing accounts and their impact on the financial statements.	Accounting Cycle	4
Financing operations	Financing and capital operations	5
Capital operations.	Financing and capital operations	6
Purchases (purchases), purchase expenses.	Revenue operations	7

Sales operations (sales).	**Revenue operations**	**8**
Trade discount, cash discount	**Discount**	**9**
Quantity discount	**Discount**	**10**
Practical cases	**Practical cases**	**11**
Practical cases	**Practical cases**	**12**
Processing checks from an accounting perspective.	**Cash operations and commercial papers**	**13**
Commercial papers and how to dispose of them.	**Cash operations and commercial papers**	**14**
Practical cases	**Practical cases**	**15**
Final (semester exam)		

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	Main references:
Miqdad Ahmed Al-Jalili, Fouad Suleiman Zako, and Muhammad Taher Al-Shawi (2000), "Accounting", ed. ????, Dar Al-Kutub for Printing and Publishing, Mosul, Iraq.	**1**
o	**2**
	Secondary references:
Websites on the Internet	**1**
o	**2**

//201	**His history:**		:**Scientific Committee** No. No.
//201	**His history:**		:**Department Council** No. No.

Yun **Seal the first oath**

Department Head's signature:	**Signature of subject**
	teacher: Dr. Sincere Al-Nasr

University of Mosul / College of Administration and Economics

(٢)2019 - 2020 ٢٠١)Study year

Methodological vocabulary form for the course

10F_19AEMI		:Academic symbol	Management information systems		:Science section
The first	The first	:Chapter/stage	Computer skills		:Course Name
There is none		Previous courses:	Computer Skills		(Name of course E:)
Primary	Study type:	2018- 2019 ٢٠١	Update year:	Arabic	Language of instruction for the course:

Summary of course description:

Developing students' computer use skills, as it provides them with the necessary skills to use and operate the course.

. Computer. The course includes an introduction to computers, their components, the operating system, and the file management system, with good proficiency in all of the office programs: Visio, Project, PowerPoint, Excel, and Word.

	Unity (2)	:Number of study units
(2 hours	Number of working hours:	(1 hour	Number of regular hours:

- -

Methodological vocabulary titles and details

the details	Vocabulary title	Weeks
For the computer My boss Definition of parts For PC My boss Computer types, parts Personal storage units, storage: Memory: Understanding the different types of Hate, types of delicious computer memory, Measuring memory: Computer performance.	**An introductory introduction to computers**	1
The concept of personal computer operating systems, their types, functions, importance, history and features, classifications of operating systems in terms of tasks, purposes and number of users, system components (operating system structure).	**Windows operating systems**	2
Control panel systems and their components, a detailed explanation of the components, comparison between commonly used operating systems such as Windows, UNIX, Linux, and Macintosh, 6 practical applications for dealing with the Windows operating system and its various versions.	**Operating Systems**	3
Run a text editor application or word processing program and create a file, saving the file in . Folder, save the file to a floppy disk, close the text editor application, open an existing document - and create a new document and save it, save an existing document to disk,	**Word processor (Word)**	4
modify it, and save it with a decimal point. Add borders center, right, left: Use and place tab stops . For the document Choose an appropriate document format to use ·Templates (using lists) are dotted and numbered.	**Word processor (Word)**	5
Open a spreadsheet application. Open an existing spreadsheet, modify it, and then save it. Open multiple tables. Data Create a new spreadsheet and then save it. Save an existing spreadsheet to a hard disk or floppy disk. Close the spreadsheet. Use the application's help functions.	**Spreadsheet software (Excel)**	6
Formulas and functions. Arithmetic and logical formulas. Use basic arithmetic and logical formulas in a spreadsheet such as addition, subtraction, multiplication and division. Understand error alert messages attached to formulas Use the AutoComplete tool or the copy handle to copy or expand data.	**Spreadsheet software (Excel)**	7

Pictures, drawing Other advanced features- Object import. Import an object into a spreadsheet: file Objects imported into the worksheet. Graphic, text file and etc. Move and resize charts and graphs. Charts and graphs from from Production of different types	**Spreadsheet software (excel)**	**8**
Advanced conditional precedence, formula-based data validation, advanced filtering, database functions, search and reference functions.	**Advanced Excel**	**9**
Advanced charts, pivot tables, macros, forms and control buttons, what-ifs, detection and debugging.	**Advanced Excel**	**10**
Basic operations. Create a presentation. Choose an automatic slide design format suitable for individual slides, for example: title slide, org chart, chart and text, bulleted list, etc. Modify the slide design. Add text, add image from photo library. Use the slide	**Presentation software (Powerpoint)**	**11**
What is Visio: graphical shapes, linking shapes, coordinating shapes and objects, network drawings, space design.	**The visio program**	**12**
Practical applications on Office programs (Word, Excel, PowerPoint presentations program).	Come with examples **Uncle training**	**13**
Introduction to MS Project, project planning and construction, project planning and construction, work productivity.	**Microsoft (Project)**	**14**
Assigning Relationships Tasks / Assigning Relationships Tasks / Changing Relationships / Building Project Resources / Tracking Project Progress / Project Reports.	**Microsoft (Project)**	**15**
final(Semester exam)		

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	Main references:
Muhammad Al-Zoubi, Ahmed Al-Sharay'a, Munir Qutaishat, Suhair Abdullah, Khaleda Muhammad Al-Zoubi (????), "Computers and Ready-made Software: Computer Skills: Arabic - English", Edition ????, Publishing House ????, Country ????.	1
bin Abdul Aziz Al-Mousa (????), "Introduction to Computers and the Internet," fourth edition, Dar???????, Al-Balad?????. Abdullah	2
	Secondary references:
Electronic references, websites...etc.	1
o	2

Yum **Seal the first oath**

Department Head's signature:	**Signature of the subject teacher:**
	Sahar Abd Daoud Issa Al-Aqrawi

University of Mosul / College of Administration and Economics

(٢٠٢٢ ــ ٢٠٢١)

)2019 - 2020)Study year

Methodological vocabulary form for the course

10F_19AEMI	:Academic symbol	Management information systems	:Science section
The second / The first	:Chapter/stage	Business Administration (2)	:Course Name
Principles of business management 1/	Previous courses:	Business Administration/2	(Name of course E:)
Primary — Study type:	2018 - 2019 ٢٠٢١ — Update year:	Arabic	Language of instruction for the course:

Summary of course description:

communication processes in the organization, and the reality of the oversight process, and then read the management and activities of the facility. The course aims to identify the basic functions of the manager, the

(three units 3)	Number of study units:
There are no practical hours	Number of practical hours:
(3 hours)	Number of theoretical hours:

Methodological vocabulary titles and details

the details	Vocabulary title	Weeks
Concept and importance, communication obstacles and means of overcoming them, negotiation	Communications	1
Concept, importance, purposes and stages	Basics of supervision	2
Types according to levels, source, date of conduct, field, financial, operational, structural and strategic oversight tools, and the regulatory system.	Types of control and its management	3
Concept, importance and types	Organizations	4
The concept, influencing factors and legal alternatives	Legal forms of organizations	5
The concept, importance, goals, production of goods and provision of services	Production and operations management	6
Concept and importance	Production and operations planning and control	7

Concept, importance, and benefit	Marketing Management	8
Target market and items	Marketing mix t	9
Concept, importance and strategic role	Resource management spray	10
Recruitment and selection, training and performance evaluation, career path	Spray Resource Management Jobs	11
Concept and importance, financial analysis	Financial and accounting management	12
The concept, importance, and sources of funding	What are the sources of planning and financing?	13
The concept, benefits and components of the strategy	Main management strategy	14
Concept and importance	Public relations, research and development	15
Final (semester exam)		

Main references:	
Khalil Muhammad Hassan Al-Shamaa (????), "Principles of Business Administration", edition ????, publishing house ?????, country ????.	1
o	2
Secondary references:	
Articles from the Internet	1
o	2

//201	His history:		:Scientific Committee No. No. No.
//201	His history:		:Department Council No.

YumSeal the first oath

Department Head's signature:	Signature of the subject teacher: Bassam Abdel Rahman Al-Yoseb

		Academic symbol	Management information systems	Scientific
The first	The first stage/semester, previous	and statistics for business administration		Department Course name
There is none	courses	Statistics for Management Business		(E) The course is a name
Year of update 9102-9191 Type	of initial study			The language of instruction for the course is Arabic

Summary of course description

Description of the course: The course provides students with the basic concepts in statistics while equipping the student with statistical analysis skills, as well as providing the student with probability rules.

		Number of study units and
(3) units		
Number of practical hours	(3) hours	number of theoretical hours

Methodological vocabulary titles and details

the details	Vocabulary titles	Weeks
Definition of statistics, its divisions, and the statistical method In general research	Introduction to statistics	1
The method and types of collecting data and	collection methods: Data	2
samples, classifying and classifying data on a temporal, quantitative, geographical basis and other characteristics, direct collection and questionnaire, common errors, And the inspection	Classification and classification of collection methods Data and common errors errors, and chance.	3
Solve some exercises using the computer application	General applications	4
Types of random variables (descriptive and quantitative) Simple frequency distribution table	Random variables and distributions Repetitiveness	5

Ascending and descending clustered frequency distribution, percentile frequency distribution	Clustered and proportional frequency distribution	6
Geometric shapes: gradient, polygon, and curve	Geometric display of classified data	7
The arithmetic mean for classified and unclassified data, the characteristics, advantages and disadvantages of the arithmetic mean, the weighted arithmetic mean	Averages, their types, and the purpose of... Calculate it	8
Mode and median for ungrouped data, definition of dispersion measures (range, mean deviation for ungrouped data)	Mode, median, and measures of dispersion	9
Standard deviation, variance and its relationship to standard deviation/characteristics, advantages, disadvantages	Measures of dispersion for data Unclassified	11
Coefficient of variation, standard score	Measures of relative dispersion	11
Solve exercises for relative dispersion scales	Applications and exercises solutions	12
Simple linear correlation coefficient and correlation coefficient for salary attributes	Linear correlation	13
Introduction to the theory of probability, combinations and permutations	Probability theory	14
Addition, multiplication and conditional law exercises solved Possibilities	Laws of probability with applications	15

Main references	
Fathi Khamil Hamdan, Mathematics for Administrative and Financial Generalities,	1
9002. Thaer Faisal, Samer Muhammad, Mathematics for Financial, Administrative and Economic Generalities, 9000	2
Secondary references	
Azzam, Sabri, and Saleh, Sadiq, Mathematics, 9000	1

	Its history		Minutes number of the Scientific Committee.
	Its history		Number of minutes of the Department Council

University of Mosul / College of Administration and Economics

Academic year (2019-2020)

Vocabulary form for the course

		systems academic symbol	Management information	Department, subject
The first	The first stage/semester, all economics		previous courses, Macro Economics	to name of course
Microeconomics year of				(E) The course is a name
Type of primary study	modernization 9191-9102		The car	The language of teaching the course

Summary of course description

The study material aims to complete the provision of students with the theoretical foundations of economics and its methodology, and to analyze the nature of economic activity and its various economic fields at the overall level of analysis, that is, at the level of the national economy. This is through providing them with the theoretical foundations of macroeconomics and studying the main economic problems. , and policies necessary to treat it.

	(9) unit		Number of study units and
	Number of working hours	(9) hours	number of theoretical hours

Methodological vocabulary titles and details

the details	Vocabulary titles	Weeks
National product and national income (general concepts)	Principles of All Economics	
Methods of calculating national income, income method, expenditure method	Principles of All Economics	1
The method of production, the importance of calculating national income	Principles of All Economics	2
The concept of inflation, its causes, and methods of treating it	Inflation	3
The concept of unemployment and its types		4
The economic and social effects of inflation		5
Bartering and its disadvantages	Unemployment	6
The functions, types and characteristics of money	Unemployment Money	7 8
The concept of the commercial bank and its importance in economic life, types of commercial banks and their modes of operation.	and banks Money and banks Money and banks	9
Monetary policy and its tools	Macroeconomic policies	11

Expansionary and contractionary monetary policy and its objectives	Macroeconomic policies	11
Expansionary and contractionary financial policies and their objectives, the relationship between monetary and financial policies	Macroeconomic policies	12
Objectives of the Central Bank (price stability, growth, balance of payments balance)	Banking and exchange rate policies	13
The concept of the exchange rate and forms of exchange rate systems	Banking and exchange rate policies	14
Exchange rate, trade and balance of payments equilibrium	Banking and exchange rate policies	15

Main references

Hussein, Majeed Ali, 9112 Principles of Economics, Zahran Printing and Publishing, Amman, Jordan	1
Al-Hasnawi, Karim Mahdi, 0221, Principles of Economics, Hossam Printing and Publishing, Baghdad, Iraq	2

Secondary references

Al-Quraysh, Muhammad Saleh and Al-Shammari, Nazim, 0221, Principles of Economics, Dar Al-Kutub for Printing and Publishing.	1
	2

	Its history		Minutes number of the Scientific Committee.
	Its history		Number of minutes of the Department Council

University of Mosul / College of Administration and Economics

)2019 - 2020   )Study year

Methodological vocabulary form for the course

10F_19AEMI		: Academic symbol	Management information systems		: Science section
The second	The first	:Chapter/stage	Human rights and democracy		:Course Name
There is none		Previous courses:	Human Rights and Democracy		(Name of course E:)
Primary	Study type:	2018 - 2019	Update year:	Arabic	Language of instruction for the course:

Summary of course description:

It is not possible for a person to live and enjoy it   In the field of rights that   „   The Human Rights and Democracy course aims to educate students comprehensively, research students, and build the necessary skills to live as an active and effective citizen in a life of thought, in addition to creating a human being without it as a human being of democracy through the use of intelligence and talents.

(three units 3)	Number of study units: (2) hours
Number of working hours: There are no working hours	Number of regular hours:

Methodological vocabulary titles and details

the details	Vocabulary title	Weeks
General concepts of rights / definition of human rights / historical development of human rights / elements of human rights.	Introduction to human rights	1
Human rights in the pre-Islamic era / Human rights in the Islamic era Human rights in the modern era / Characteristics of human rights in every era / Human rights trends in every era.	Human rights in different eras	2
Universal Declaration of Human Rights / Ideas presented on human rights / International covenants on human rights.	Contents of human rights	3
Universal Covenant on Human Rights / National Covenant on Human Rights.	International covenants on human rights	4
Regional human rights conventions/national human rights legislation/regional human rights legislation.	Human rights conventions	5
Definition of freedoms/elements of freedoms/basics of freedoms.	Introduction to freedoms	6
Historical development of rights and freedoms/stages of development of freedoms/characteristics of each stage of freedoms.	For freedoms Historical development	7

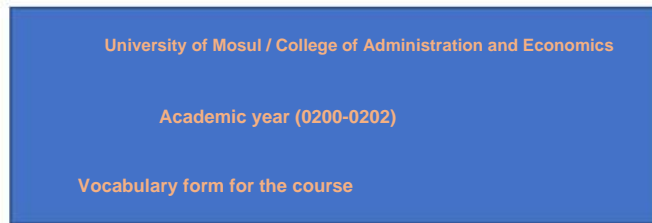|		
Basis of classification of rights and freedoms / degrees of classification of rights and freedoms / ranks of rights and freedoms.	Classification of rights and freedoms	8
Civil rights and freedoms/economic rights and freedoms/social rights and freedoms/intellectual rights and freedoms.	Types of rights and freedoms	9
The concept of democracy / historical development of democracy / elements of democracy / pillars of democracy.	The entrance to democracy	10
The concept of elections / legal adaptation of elections / types of elections / basics of elections.	Introduction to elections	11
The concept of democratic evaluation / standards adopted in democratic evaluation / objectives of democratic evaluation.	Yes Evaluation of the democratic system	12
The concept of administrative corruption/types of administrative corruption/the repercussions of administrative corruption on society.	Administrative corruption	13
Methods of dealing with administrative corruption/old methods/modern methods.	Addressing administrative corruption	14
Realistic case studies in human rights / realistic case studies in democracy / realistic case studies in freedoms.	Case studies	15
Forbidden(Semester exam)		

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Main references:	
"Human Rights Law", Dar Al Maaref, Alexandria, Egypt. Al-Shafi'i Muhammad Bashir (2009),	1
Hassan Muhammad Al-Tawaliya (2010), "Human Rights between Sharia and Law", Dar of Applied Sciences, Bahrain.	2
Secondary references:	
"International Humanitarian Law", Dar Al-Halabi, Beirut, Lebanon. Mustafa Ahmed Fouad (2005),	1
0	2

//201	His history:		:The Scientific Committee No. No.
//201	His history:		:Department Council No. No.

Yum Seal the first oath

Department Head's signature:	Signature of the subject teacher:
	Yel Hasri Hassan Q Muhammad Mustafa

		Academic symbol	Management Information	Department, subject
The second	The first one	Stage/Separation	Systems: English readings in management information systems	to name of course
		Previous courses	**English Readings in Management Systems Information**	(E) The course is a name
The first	Type of study	0200-0202	Year of speaking	The language of instruction for the course is English

Summary of course description

The course "Readings in Management Information Systems E" aims to expand students' awareness of management information systems through:

1. Introducing them to the intellectual foundations and characteristics of management information systems.

2. Understanding the concepts of data, information, knowledge, wisdom, management information systems, decision support systems, systems Collective decision support, executive information systems, expert systems

3. The difference between information technology and information systems.

4. Enabling them to understand the components and characteristics of management information systems.

5. Introducing them to the types of management information systems and what is the difference between them.

6. Providing them with the content of developing management information systems.

7. Providing them with content for planning, designing, implementing and reviewing the management information system.

8. The difference between logical design and physical design

		Number of study units and
(0) units		
Number of working hours	(0) hour	number of theoretical hours

Methodological vocabulary titles and details

the details	Vocabulary titles	Weeks
The Concepts of Data, Information, Knowledge and Wisdom The Three-Level Database Model, Types of Information, The Dimensions of Information	The Concepts Of Data, Information, knowledge and wisdom	1
Information Flow in Organization, The Definition of Management & Management Information Systems And Its Elements	Management Information Systems And Its Elements	2
(a) planning, (b) organization and coordination, (c) controlling, the management functions and (d) decision making		3

Information Systems, the components of IS, Why Use Information Systems Information Systems? , Technology, IT, Computer hardware, Storage technology, Communications Technology, IT Infrastructure Computer software,		4
Typical activities of managers at various organizational levels, Basic Elements Of Management Information Systems, Establishing and Operating MIS, MIS and Management Levels	Typical activities of managers & Establishing and Operating MIS	5
Operating Information Systems (OISs), Decision Support Systems (DSSs), , Executive Information Systems (EISs), Groupware Decision Support Systems (GDSS),	The evolution of management information systems	6
Processing Data Systems (TPS), Information Processing Systems, Decision Support Systems (DSS), Group Decision Support Systems (GDSS), Executive Information Systems (EIS), Artificial Intelligence (AI), Expert Systems (ES), Neural Networking (NN)	The evolution of management information systems	7
Three Components of Management Information System, System types System types, the differences between these types of systems		8
Establishing an Management Information Systems, Overview of System Development system Development, System Development, Project Manager, Stakeholders Users, System Analyst, Programmers, Initiating System Development		9
Information system planning, The Steps of information system Information system planning Planning,		11
Management Information System Design, 1. Logical Design, 2. Physical Design	Management Information System Design	11
Management Information System Implementation, typical steps in system implementation.	Management Information System Implementation	12
Management Information System Review, Types of Review Procedures, Event driven review, Time-Driven Review	Management Information System Review	13
Factors to Consider During Systems Review, System System Performance Performance Measurement		14
examination	examination	15

Main references	
Management Information Systems, for the information age, Stephen Haag, Maeve Cummings, Amy Phillips, 2013.	1
Business Driven Information Systems, Baltzan Phillips, 2008.	2

Secondary references	
Management Information Systems, Sixth Edition by Effy Oz, 2009	1
Management Information Systems, Mariusz Grabowski, Piotr Soja, Ryszard Tadeusiewicz, Jan Trÿbka, Agnieszka Zajÿc, ,Copyright by Cracow University of Economics Cracow 2014	2

	Its history		Minutes number of the Scientific Committee.
	Its history		Number of minutes of the Department Council

University of Mosul / College of Administration and Economics

Year of study (2019 - 2020)

Yasin**Methodological vocabulary form for the course**

AEMI19_F10		Academic code:	Management information systems	The first section:
The first	The first	Stage/Separation:	Arabic Language	Course Name:
There is none		Courses Previous:	Arabic Language	Course name (E):
Primary	Study type:	2018 - 2019	Update year:	Arabic	Language of instruction for the course:

: Summary of course description

The course aims to: (Arabic language) to increase students' linguistic repertoire by reducing linguistic errors and refining pronunciations.

Yasin . As well as reading and writing clear Calligraphy and spelling for students in general, and enabling them to learn quickly Students, regret it They aim to develop their talents through reading literary and poetic texts.

Three units (3)	Number of study units:
There are no practical hours	Number of practical hours:	(3) hours	Number of theoretical hours:

Methodological vocabulary titles and details

the details	Vocabulary title	Weeks
The importance of the language, the Arabic language in particular, and the reasons for teaching the subject of the Arabic language/calligraphy, its history and development, Arabic calligraphy, its types, and the stages of its punctuation and development.	**Introduction to the Arabic language**	1
Writing (dha and z) and distinguishing between them / the hamza at the beginning of speech, the extreme one, and the middle hamza.	**Dictation development**	2
The open and bound ta', the distinct alif/soft alif in triliteral and non-tripletic verbs and nouns.	**Dictation development**	3
punctuation marks	**Dictation and handwriting**	4
Arabic grammar: past tense / present tense.	**Adjust grammar rules**	5
Arabic grammar: dual, plural of masculine and feminine sound.	**Adjust grammar rules**	6
The subject and the predicate.	**The nominal sentence**	7

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Constructing the past tense and constructing the imperative verb.	Actual sentence	8
Parsing the present tense verb: nominative, accusative, and accusative.	Parsing verbs	9
The concept of the subject / the location of the subject in the sentence / parsing of the subject.	The subject and the deputy subject	10
The direct object, the absolute object, and the direct object.	The assigned names	11
Writing the number and parsing it.	Numbers	12
was and her sisters.	Imperfect verbs	13
And her sisters.	Letters similar to verbs	14
Teaching how to arrange sentences and paragraphs according to the rules of the Arabic language.	Principles of writing	15
Final (semester exam)		

Main references:	
"Common grammatical, morphological, and spelling errors," Al-Yazouri Publishing and Distribution House, Amman, Jordan, Fahd Khalil Zayed (2006),	1
Summary of Grammar, Dar Al-Shorouk for Printing, Publishing and Distribution, Jeddah, Saudi Arabia. " Abdul Hadi Al-Fadhli (1980),	2
Secondary references:	
Muhammad bin Saleh Al-Othaimeen (2009), "Rules in Dictation", Ebad Al-Rahman Library, Egypt.	1
٥	2

//201	His history:		Struggle Scientific Committee No. No. No.
//201	His history:		the Department Council No. We join

Yum Seal the first oath

Department Head's signature:

Signature of the subject

teacher: Yali Hassrin Hassan Q Muhammad Mustafa N

University of Mosul / College of Administration and Economics

( )2019 - 2020 ٢٠٢١)Study year

Methodological vocabulary form for the course

10F_19AEMI		:Academic symbol	Management information systems		:Science section
The second ٢	The first	:Chapter/stage	Financial Accounting (2)		:Course Name
Accounting principles1/		Previous courses:	Financial Accounting/2		(Name of course E:)
Primary	Study type:	2018 -2019 ٢٠٢١	Update year:	Arabic	Language of instruction for the course:

Summary of course description:

The course provides the student with general and fairly detailed information about the theoretical background of financial accounting principles, along with an explanation of the stages of the accounting cycle, starting with recording financial transactions and events in the journal, posting them, and balancing them, and ending with preparing the final and budget accounts.

(three units 3)	Number of study units: (3)
Number of working hours:	hours	Number of regular hours:

Methodological vocabulary titles and details

the details	Vocabulary title	Weeks
Trial Balance	The ability to review and correct errors	1
Practical cases about the trial balance.	Practical cases of auditing	2
Correct mistakes.	The ability to review and correct errors	3
Practical cases of debugging.	Practical cases of correcting errors	4
Final Accounts.	Measuring the results of the facility's work	5
Trading account and profit and loss account.	Trading account and profit and loss account	6
Practical cases about the trading account and the profit and loss account.	Trading account and profit and loss account	7

Practical cases about the trading account and the profit and loss account.	**Trading account and profit and loss account**	**8**
Practical cases about the trading account and the profit and loss account.	**Trading account and profit and loss account**	**9**
Budget (financial position)	Financial Center (Financial Center) follows	**10**
Practical cases about the budget (financial position).	The financial center here	**11**
Practical cases about final accounts and financial position.	**Financial and financial final accounts**	**12**
The principles governing restrictive settlements.	**Constraint adjustments**	**13**
Settlement entries relating to expenses and revenues.	**Constraint adjustments**	**14**
Impairments are on a straight-line basis.	**Extinctions**	**15**
Final (semester exam)		

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Main references:	
Miqdad Ahmed Al-Jalili, Fouad Suleiman Zako, and Muhammad Taher Al-Shawi (2000), "Accounting", ed. ????, Dar Al-Kutub for Printing and Publishing, Mosul, Iraq.	**1**
0	**2**
Secondary references:	
Websites on the Internet	**1**
0	**2**

//201	**His history:**		:**Scientific Committee** No. No.
//201	**His history:**		:**Department Council** No. No.

Yum**Seal the first oath**

Department Head's signature:	**Signature of subject**
	teacher: Dr. Sincere Al-Nasr

University of Mosul / College of Administration and Economics Academic year (2019-2020) Methodological vocabulary form for the academic course

AEMI19_F20	**Akkadian symbol:** Yum	**Management information systems**	**The first section:**
The first | **the second**	**Stage/Separation:**	**Marketing Management**	**Course Name:**
Principles of business management 2/	**Previous courses:**	**Marketing Management**	**Course name (E):**
Primary | **Study type:**	2018 - 2019 ٢٠٢١	**Update year:**	**Arabic** | **Language of instruction for the course:**

Summary of course description :

In addition to providing them with knowledge of marketing research procedures, students are introduced to the concept of marketing and acquainted them with the elements of the marketing mix, marketing strategy and its components. introduces students to the concept of international marketing and the importance of forming a marketing information system to achieve success.

Three units (3)	**Number of study units:**
There are no practical hours | **Number of practical hours:** | **(3) hours**	**Number of theoretical hours:**

Methodological vocabulary titles and details

the details	Vocabulary title	Weeks
Marketing and its relationship to other concepts	**Introduction to the study of marketing**	1
Definition/methods of studying marketing	**Definition of marketing**	2
Marketing objective/marketing mix innovation	**The concept of marketing mix and its elements**	3
Influences (competitive, political, economic, technological) / laws / urbanization factors	**Marketing environment**	4
Factors affecting the purchasing decision	**Consumer behavior and purchasing decisions**	5
Types of purchasing decisions / steps in making a purchasing decision	**Types and steps of the decision-making process**	6
The concept of service and its importance / characteristics (forms of services)	**Marketing Services**	7

The importance of international marketing / marketing opportunities (concept, importance and types)	Come on international marketing	8
Conditions (economic, political, legal, urbanization, technological)	marketing Factors affecting Oh my God	9
Marketing strategy requirements/procedures	Marketing strategy six	10
Evaluating the performance of the marketing strategy	Oversight of the marketing strategy	11
The concept of marketing ethics / consumer movement	Ethical and social considerations of marketing	12
Marketing research procedures	Market research	13
Methods of collecting data/analyzing data/communicating results to beneficiaries	data collection	14
The importance of information/the importance of creating an information system and its contribution to improving activities	Marketing information systems	15
Final (semester exam)		

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Main references:	
Al-Daiwa Ji, Abi Saeed, 2000, The Modern Concept of Marketing Management, first edition, Dar Al-Hamid for Publishing and Distribution, Amman, Jordan.	1
0	2
Secondary references:	
Abdullah, Anis Ahmed, 2016, Marketing Management According to the Customer Summit Perspective, first edition, Dar Al-Jinan for Publishing and Distribution, Amman, Jordan.	1
0	2

//201	His history:		: Satisfaction of the Scientific Committee
//201	His history:		: No. No. of the Department Chonbi No. No.

Yum Seal the first oath

Department Head's signature:	**Signature of the subject**
	teacher: Zaid Fawzi Ayoub Abdullah Al-Sheikh

University of Mosul / College of Administration

(Y and Economics) Academic year

the academic course (2019-2020) Methodological vocabulary form for

AEMI19_F20	Akkadian symbol: ydm	Management information systems	The first section:
The first	the second	Stage/Separation:	Resource management spray	Course Name:

Principles of business management 2/	Previous courses:	Human Resource Management	Course name (E):
Primary	Study type:	2018-2019 . ٢١	Update year:	Arabic	Language of instruction for the course:

Summary of course description :

This course focuses on the concept of human resources, and includes the concept of performance management, methods of performance evaluation, theories and methods of training, recruitment, selection and recruitment of human resources and methods of treating them, and wages and salaries. It also sheds light on the problems of the world. Development, antiquities and antiquities policies ·

Three units (3)	Number of study units:
There are no practical hours	Number of practical hours:	(3) hours	Number of theoretical hours:

Methodological vocabulary titles and details

the details	Vocabulary title	Weeks
The concept, importance, goals, factors that helped interest in human resources management and the stages of its development	Resource management spray	1
The environment of human resources management, the location of the human resources department, the relationship of the human resources department with other departments	Sponsored organization of resource management	2
Concept, importance, goals, benefits, stages, analysis of human resource needs	Human resource management functions (human resource management planning)	3
Demand for human resources, supply of human resources, comparison between supply and demand, evaluation of the plan	Resource planning spray	4
Selection, concept, importance of the selection process, selection criteria	Resource recruitment strategy	5
Selection stages and steps, sources (internal and external)	Resource recruitment strategy	6
Who does the analysis, method of job analysis, steps, concept, importance, goals	Job analysis and design	7

Concept, importance, goals, developing a training plan, identifying training needs, training requirements, designing the training process	**Resource training workshop**	**8**
Practical steps for implementing training programs, stages, obstacles, and evaluation of training programs	**Resource training workshop**	**9**
Introduction, upgrade objectives, upgrade programs, upgrade systems, upgrade problems	**How much to R**	**10**
Introduction, financial and non-financial compensation, the relationship of compensation to motivation to work, objectives of the policy for setting salaries and wages, the	**Resource compensation bribe**	**11**
structure of basic salaries and wages, incentives, bonuses, bonuses, additional wages, indirect compensation, compensation strategies.	**Reparations**	**12**
Concept, characteristics, importance, performance measurement methods, responsibility for performance evaluation, performance evaluation criteria	**Spray for evaluating the performance of the main resources**	**13**
Performance evaluation methods, performance evaluation mechanism, evaluation results, obstacles and problems in performance evaluation,	**Spray for evaluating the performance of the main resources**	**14**
Developments in human resources management and presentation of case studies	**Contemporary issues in management Resource spraying**	**15**
Final (semester exam)		

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Main references:	
Alaqi Madani Abdul Qader 2015, Human Resources Management, Scientific Algorithms, Jeddah.	**1**
Maher, Ahmed, 2015, Human Resources Management, University House for Publishing and Distribution,	**2**
Secondary references:	
Dorra, Abdel-Bari and Al-Sabbagh, Zuhair, 2010, Human Resources Management in the Twenty-First Century, A Systematic Approach Second edition, Dar Wael for Publishing and	**1**
Distribution, research and publications	**2**

//201	**His history:**		**Scientific Committee No. No.**
//201	**His history:**		**Department Council No. No.**

Yun **Seal the first oath**

Department Head's signature:

Signature of the subject teacher: Ahmed Zahi Tawfiq Mahmoud Abdeln

AEMI19_F20		Akkadian symbol: yum	Management information systems	The first section:
The first	the second	Stage/Separation:	Programming basics	Course Name:
Business computer applications		Previous courses:	Fundamentals of Programming	Course name (E):
Primary	Study type:	2018 - 2019 , ٢١	Update year:	Arabic	Language of instruction for the course:

: Summary of course description

practical knowledge, building many computers, It is considered one of the basic languages in providing students with programming skills and the basics of the C++ language (theoretical and operational and applied computer systems, as well as solving scientific problems through this language, so it is classified under scientific programming languages.

	Three units (3)	Number of study units:
)2 hours	Number of practical hours:)2 hours	Number of theoretical hours:

Methodological vocabulary titles and details

the details	Vocabulary title	Weeks
- An introduction to programming languages, the development of the C language, and its advantages, with practical and applied examples.	**Introduction to the basics of programming in C++**	1
C,++ language environment Components of the program in the C,++ language Definition of data (1- fixed data2, variable data (global and local)).	**C++ language basics**	2
Basic types of data, practical examples. Private and public formulas for defining data. **Data Types** Terms , Variable Names, Practical Examples.		3
Function components, program writing format, libraries and functions they contain, with practical examples. a test.	**Program structure**	4
Input commands, the formula for reading commands. Practical questions and exercises.	**Input and output statements 1**	5
Output commands, the format for print commands. Escape instructions. Practical questions and exercises.	**Input and output statements 2**	6
mathematical calculations. Comparative relational processes. Logical operations, examples and applied exercises (practical).	**Arithmetic operations 1 ARITHMETIC OPERATORS**	7

Conditional influencer. Composite assignments. Increasing and decreasing operations. Practical examples and exercises.	Arithmetic operations 2 ARITHMETIC OPERATORS	8
Practical questions and exercises. Practical semester test, theoretical semester test	Input and output statements and arithmetic operations 1 and 2	9
Conditional statements using the simple form, 1 If statements, questions and exercises (practical).	Control and decision-making sentences 1 CONTROL STATEMENTS	10
Conditional statements using the full form, 2 If statements, questions and exercises (practical).	Control and decision-making sentences 2 CONTROL STATEMENTS	11
Conditional statements using nested form, 3 If statements, questions and exercises (practical).	Control and decision-making sentences 3 CONTROL STATEMENTS	12
Conditional sentences using 1 Case Switch, questions and exercises (practical).	Control and decision-making sentences 4 CONTROL STATEMENTS	13
Conditional sentences 2 Case Switch, questions and exercises (practical). Practical semester test, theoretical semester test.	Control and decision-making sentences 5 CONTROL STATEMENTS	14
Applied and field studies	Software applications	15

Final (semester exam)

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	Main references:
The basic reference in C++ programming with practical and engineering applications, Prof. Dr. Awad Mansour, Dr. Abdel-Ajili, Dr. Mahmoud Abaza. Dar Al-Yazouri, second edition, 1997	1
Many electronic resources in the field of programming basics.	2

	Secondary references:
The basics of programming in the C++ language / Dr. Ibrahim Naib and Dr. Muhammad Nour Burhan, Wael Publishing House	1
Lectures and exercises for C++ programming prepared by the subject teacher	2

//201	His history:		:Scientific Committee No. No.
//201	His history:		:Department Council No. No.

Yum **Seal the first oath**

Department Head's signature:		**Signature of the subject**
		teacher: Yah Mahmoud Al-Mashhadan, Mirsaft Yasri

University of Mosul / College of Administration and Economics

Academic year (2019-2020) Methodological

vocabulary form for the academic course

AEMI19_F20		Akkadian symbol: yum	Management information systems	The first section:
The first	the second	Stage/Separation:	Basics of information systems	Course Name:
Information systems readings q		Previous courses:	Fundamentals of Information Systems	Course name (E):
Primary	Study type:	2018 - 2019	Update year:	Arabic	Language of instruction for the course:

: Summary of course description
This course aims to provide the student with the concept of the system in general, its components and elements, the concept of systems theory, and the basic principles of this theory.

Unit y (2)	Number of study units:
There are no practical hours	Number of practical hours:	)2 hours	Number of theoretical hours:

Methodological vocabulary titles and details		
the details	Vocabulary title	Weeks
The concept of the system and its importance	General introduction to the system	1
The four elements of the system and its basic components	The basic elements of the system	2
The nature of data, its types and characteristics, and the nature of information, its types and characteristics	Data and information	3
Identify the types of systems and the advantages and uses of each type	Types of systems in general	4
Components of systems theory and their relationships to the environment	Introduction to systems theory	5
Identify and know the principles on which general systems theory is based	Basic principles of general systems theory	6
The first beginnings of the emergence of the management information system and how it appeared	The emergence of the idea of a management information system	7

Clarifying and knowing the basic factors for the emergence of a management information system	The factors contributed The emergence and development of the management information system	8
The basic concepts of management information system from the viewpoints of a number of writers	Introduction to management information system	9
Identify the four basic elements of the information system and the importance of each element	Basic elements of a management information system	10
Identifying the basic pillars of the information system and their relationship to the pillars of the general system	pillars on which the These are the management information system is based	11
Necessary supplies to manage and operate the system	Basic requirements for the management information system	12
Determine the entrances, their types and importance	Introductions to the study of management information system	13
Knowing the characteristics of the information system and the benefits of the system	Characteristics of the management information system	14
General discussion	General discussion and review	15
Final (semester exam)		

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Main references:	
Muhammad Abdel-Taie, management information system	1
Fayez Al-Najjar	2
Secondary references:	
Articles from the Internet	1
٥	2

//201	His history:		Scientific Committee No. No. No.
//201	His history:		Department Council No.

Yum Seal the first oath

Department Head's signature:	Signature of the subject
	teacher: Yali Al-Abdul-Rahim Al-Ahda Abd Al-Rahim Hasi

University of Mosul / College of Administration and Economics

Academic year (2019-2020)

Vocabulary form for the course

	Academic symbol	Management information	Scientific
the second	The first stage/semester,	systems mathematics	Department Course name
previous courses, statistics for business administration		Quantitative Methods for Businesses	(E) The course is a name
Year of update 9102-9191 Type of initial study ٢٠٢٢ ٢٠٢١		Arabic	Language of teaching the course

Summary of course description

Course Description: Providing the student with the necessary skills to solve administrative problems based on quantitative tools, and to make ideal decisions based on scientific-mathematical foundations.

(9) units		Number of study units and
(9) hours	Number of practical hours	(0) hour	number of theoretical hours

Methodological vocabulary titles and details

the details	Vocabulary titles	Weeks
Species origin, the definition, Concept, random variables	Quantitative methods, random variables	1
Definition, types of probability distributions) intermittent and continuous)	Probability distributions	2
Definition, areas of use, characteristics, practical exercises	Piecewise probability distributions, binomial distribution	3
Definition, areas of use, characteristics, practical exercises	Discrete probability distributions, Poisson distribution	4
Continuous probability distributions, normal distribution, definition, areas of use, and its characteristics		5

Definition of the normal distribution graph	Find the area under the curve	6
Determine areas of acceptance and rejection		
Definition, areas of use and characteristics, practical exercises	Standard normal distribution	7
Definition of statistical hypothesis and generalizations Society and areas of use, the null and alternative hypotheses, steps for testing hypotheses, definition of type I and type II error, practical exercises	Hypothesis testing, level of significance	8
The concept and types of hypotheses, loading steps, the concept of the relationship between the statistical laboratory Z and tabular values, decision making, statistical	Statistical tests go deeper by one mean And two averages	9
testing exercises that delve into one and two ratios, the concept and types of hypotheses, loading steps, the concept of the relationship between the statistical laboratory Z Tabular values, decision making, exercises	concept and types of hypotheses, loading steps, the concept	11
Concept, definition, origin, basic stages of operations research, definition, concept, types, formulas	Process research/linear programming	11
Elements of the linear model, the concept of the objective function, constraints, and the non-negativity constraint, an applied example on the formation of the linear model.	Configure the linear model	12
Definition of the graphical method, method of use, and solution steps, practical exercises	Methods for solving linear programming models, graphs with special cases	13
The concept of simpix and areas of use Solution steps and practical exercises	Methods for solving linear programming models/ simple Sympex methods	14
Concept, areas of use, solution steps, practical exercises	Binary model (opposite)	15

	Main references
Amin, Anmar and Abdul Rahman, Arabiya, (2011), Mathematics, Linear Programming and its Economic Applications, first edition.	1
Al-Rawi, Khasi', (1001), Principles of Statistics, Mosul University Press	2

	Secondary references
Al-Da'imah, Ibrahim Murad and Al-Basha, Mazen Hassan, (2013), Basics in Statistics, Dar Al-Mahraj for Publishing and Distribution, Amman, Jordan.	1
Al-Atoum, Shafiq, (2012), Census Methods Using SPSS, Dar Al-Mahraj for Publishing and Distribution, Amman, Jordan.	2

	Its history		Minutes number of the Scientific Committee.
	Its history		Number of minutes of the Department Council

AEMI19_F20	Akkadian symbol: yuh	Management information systems		The first section:
The first	the second	Stage/Separation:	Business information technology	Course Name:
Business, principles of computer applications Business Administration2		Previous courses:	Business Information Technology	Course name (E):
Primary	Study type:	2018 ٢٠١٩ ٢٠٢١	Update year:	Arabic	Language of instruction for the course:

: **Summary of course description**

The course aims to introduce the student to: The physical parts of information technology (input, processing, and output), as well as the software, strategic aspects, governance, design of technical architectures, investment in them, and change management. The administrative importance of information technologies in terms of (technology), and what are the effective methods for using information technologies and ways to reduce their negative effects.

	Three units (3)	Number of study units:
There are no practical hours	Number of practical hours:	(3) hours	Number of theoretical hours:

Methodological vocabulary titles and details

the details	Vocabulary title	Weeks
Concept and intellectual trends	techniques Introduction to the information	1
Importance at the organization and individual levels	The importance of information technologies	2
The development of information systems from a technical perspective, the characteristics of information according to the dimension of formal and temporal content, the historical development of information technologies	The development of information systems and their information characteristics	3
Concepts, importance and types	Data entry and processing techniques	4
Concepts, importance and types	Information output techniques	5
Concepts, importance and types	Storage and communication technologies and types of computers	6
Concepts, importance and types	Communications technologies	7

Concepts, importance and types	**Operating systems software and applications**	**8**
Technologies used to support production management, human resources, finance, and marketing	**The role of information technologies in** Support the functions of the organization	**9**
Techniques used to support the planning, organizing and controlling function	**The role of information technologies in** Supporting administrative activities	**10**
The negative effects of information technology and the role of human engineering in reducing them	**Engineering Spray B**	**11**
Concept and importance	**Information technology strategy and governance**	**12**
Concept, importance and types	**Information technology architecture and infrastructure**	**13**
Concept, importance and stages	Ne and outsourcing change management technology	**14**
A panel discussion on contemporary developments and their future trends	**Future issues in** technology the information	**15**
Final (semester exam)		

Main references:	
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Secondary references:	
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//201	**His history:**		**Scientific Committee** No. No.:
//201	**His history:**		**Department Council** No. No.:

Yun Seal the first oath

Department Head's signature:

Signature of the subject
teacher: Bassam Abdel Rahman Al-Yoseb

<table>
<tr><td colspan="3">University of Mosul / College of Administration and Economics

(٢٠٢٢—٢٠٢١)
Academic year (2019-2020) Methodological

vocabulary form for the academic course</td></tr>
</table>

AEMI19_F20	Akkadian symbol: yum	Management information systems	The first section:
The second	the second	Stage/Separation:	Programming in C++	Course Name:

Programming basics		Previous courses:	Programming by C++ Language	Course name (E):

Primary	Study type:	2018،2019،٢١ ٢٠٢٢_١٩،٢١	Update year:	Arabic	Language of instruction for the course:

: Summary of course description

Building many systems that are considered one of the basic languages in TE and providing students with programming skills in the C++ language (theoretical and practical knowledge), operational and applied computers, as well as solving scientific problems using this language.

	Three units (3)	Number of study units:
)2 hours	Number of practical hours:	)2 hours	Number of theoretical hours:

Methodological vocabulary titles and details

the details	Vocabulary title	Weeks
Introduction to recursion statements, types, importance, and purpose of using loops in programming.	C++ programming language	1
Defined recursive sentences, concept and programming formula -1,. Statements For, applying recursive statements to full-form conditional statements. Practical questions and exercises.	Iterative loops 1 (For)	2
2 -Statements For, applying nested recursive sentences, concept and programming formula. Iterative sentences, conditional nested formula. Practical questions and exercises.	loops 2 (For) iterative sentences on	3
Jump Statements: (Break Statement, goto Statement, exit Jump Statement sentences), applied examples.	Iterative loops 3)Jump)Statements	4
Iterative loops, the general formula, how to use the while sentence, examples and applied exercises (practical).	Iterative loops 4)Sentence)WHILE	5
Conditional recursive loops, the general formula, how to use the phrase: while - Do)(, examples and applied exercises (practical). Practical semester test, theoretical semester test.	Iterative loops 5) sentence)DO- WHILE	6
One-dimensional matrices: general formula and application method. Practical examples and exercises.	Arrays 1 ARRAYS	7

Two-dimensional matrices: general formula and application method. Practical examples and exercises.	Arrays 2 ARRAYS	8
Multidimensional matrices: general formula and application method. Practical examples and exercises. Practical test.	Arrays 3 ARRAYS	9
General formula of the function, use of the function, calling the function. Practical questions and exercises.	FUNCTIONS 1	10
Applications to function design. Examples and exercises (practical). Practical semester test, theoretical semester test	2 FUNCTIONS	11
General formula, properties of text strings, questions and exercises (practical).	Craft chains	12
The general formula for defining an indicator, arithmetic operations on indicators. Questions and exercises (practical).	Sprays and references Pointers and References	13
Introduction to data structure, the general formula for declaring structure, structure matrices. Questions and exercises (practical).	Aquip STRUCTURES	14
Applied and field studies	Language software applications	15
Final (semester exam)		

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	Main references:
The basic reference in C++ programming with practical and engineering applications, Prof. Dr. Awad Mansour, Dr. Abdel-Ajili, Dr. Mahmoud Abaza. Dar Al-Yazouri, second edition, 1997	1
0	2

	Secondary references:
The basics of programming in the C++ language / Dr. Ibrahim Naib and Dr. Muhammad Nour Burhan, Wael Publishing House	1
Newly published e-books and resources.	2

//201	His history:		:Scientific Committee No. No.
//201	His history:		:Department Council No. No.

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Department Head's signature:	Signature of the subject teacher: Yah Mahmoud Al-Mashhadan, Mirsaft Yasri

University of Mosul / College of Administration and Economics

(٢)2019 - 2020 ٢٠٢١)Study year

Methodological vocabulary form for the course

20F_19AEMI		:Academic symbol	Management information systems	:Science section
The first	the second	:Chapter/stage	Information and chat security	:Course Name
Computer skills, basics of information systems		Previous courses:	Information & Networks Security	(Name of course E:)
Primary	Study type:	٢٠18 -2019 ٢١	Update year:	Arabic	Language of instruction for the course:

Summary of course description:

Includes economic risks   The threats which   Information system security has become an important area of concern for all organizations because of many...

· systems design, development, and management   This course provides an overview of issues in the context of   ·sth work   FRR andseizure disorders

	R (Unit 2)	Number of study units:
There are no practical hours	Number of practical hours:	)2 hours (	Number of theoretical hours:

- -

Methodological vocabulary titles and details

the details	Vocabulary title	Weeks
Computer security concept. Information security concept. The concept of communication network security. System security concept	The concept of information systems security	1
Show all the points about the importance and benefits of achieving security in systems	The importance of information systems security	2
Modern technologies used in implementing information systems and their impact on security	And its impact on the security of technological development Information Systems	3
Weak points in information systems security. Basic security principles	Weak points in information systems and basic security principles	4
Of access organizational means to protect information. Software protection of information. Limit to data.	Technical means to enhance information security	5
Electronic identification. Electronic documentation and methods of protection. Authorized access to information systems.	Online identification and authentication	6
The concept of cryptography. Various encryption tools. The concept of electronic signature.	Commitment and signature	7

Confidentiality. safety. Availability. Genuine versions of operating systems. Possibility of updating the operating system after identifying the identity.	Operating systems security	8
Trojans. Spying programs . Computer viruses.	Harmful germs	9
Virus treatment programs. Intrusion detection programs. Programs to monitor the flow of data packets on the network.	Programs for detecting and treating viruses and infections	10
Definition of distributed systems. Advantages of distributed systems. Disadvantages of distributed systems systems. Security solutions in distributed systems.	Security of distributed information	11
What do we talk about in databases? Database protection methods.	Database security	12
Administrative controls for information security audit. Logical controls. Physical controls	Accreditation and auditing of information security	13
risk assessment	Assessing the risks and vulnerabilities of the information systems environment	14
Designing risk analysis models.	Designing risk and vulnerability analysis models	15
Final (semester exam)		

Main references:	
Al-Sarhan, Sarhan and Al-Mashhadani, Mahmoud (xxxx), computer and information security,	1
0	2
Secondary references:	
International Information Network	1
0	2

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