Academic Program Description Form

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التوقيع: التوقيع:

اسم المعاون العلمي: ا.م.د. أشرف هاشم فارس   اسم رئيس القسم: ا.م.د. إبراهيم علي كردي

التاريخ: 28/ 1 / 2024   التاريخ: 28/ 1 /2024

دقق الملف من قبل :

شعبة ضمان الجودة والأداء الجامعي

اسم مدير شعبة ضمان الجودة والأداء الجامعي: م.م.خلدون عبدالله خلف

التوقيع   المدرس المساعد

خلدون عبدالله خلف

مدير شعبة ضمان الجودة

التاريخ: 28 / 1 /2024

مصادقة السيد العميد

1. Program Vision

It is represented by forming a deep and comprehensive understanding of the academic and research fields related to the specializations of financial and banking sciences, in addition to familiarity with the latest theoretical and practical innovations in this sector. It also seeks to achieve student empowerment by providing them with the necessary practical skills in supporting fields such as management, accounting, and economics, which qualifies them to participate effectively in banks, financial markets, and other financial institutions. In addition, the vision includes enhancing the scientific research capabilities of faculty members

2. Program message

It is summarized in developing distinguished administrative and financial cadres that combine strategic and professional competence and social responsibility, with a focus on constructive interaction with local and international institutions. The department aims to prepare students to be capable leaders, who possess knowledge, skills and good morals, in addition to the ability to think creatively that enables them to compete strongly in the market, by adhering to high standards of quality in all activities and programs offered by the college.

3. Program objectives

The department seeks to achieve a set of strategic objectives that include::
1. Ensuring quality and academic excellence in the fields of finance and banking.
2. Graduating students equipped with comprehensive scientific and applied knowledge and the skills necessary for the specialization..
3. Adapting and responding to environmental changes and new developments in the financial and banking sector to capitalize on emerging opportunities.
4. Enhancing scientific research and developing research skills among faculty members.
5. Building collaborative relationships with the local community, public and private sectors, and providing consulting and training programs.
6. Establishing cooperation and partnerships with similar departments in the field of financial and banking sciences at universities inside and outside the country with the aim of exchanging experiences and information. This enhances the capabilities of faculty members in the department by motivating them to participate in conferences and practical workshops, and to implement specialized research and studies in the field of financial and banking sciences..
7. Cooperating with various state organizations by providing consultations to address the administrative challenges they face.
8. Striving to integrate students into the government sector through their participation in field research and studies, with the aim of preparing cadres with a high degree of scientific competence and intellectual skills.

4. Program accreditation
DoThe programIs the program accredited? And from which authority? both .1

5. Other external influences
Is there a sponsor? ForprogramYes, Ministry of Higher Education and Scientific .2
Research

6. Program Structure

comments	percentage	Study unit	Number of courses	Program Structure
	8%	10	5	Institutional Requirements
	7%	12	4	College Requirements
	85%	129	51	Department Requirements
				Summer training
				Other

*Notes may include whether the course is basic or optional.

7. Program Description / Curriculum of the Department of Banking and Financial Sciences

Credit hours		Course name	Course code	Year/Level
practical	theoretical			
	3	Accounting principles	First course	
	3	Management principles		
	3	Principles of Economics		
	3	Principles of Statistics		First
	2	Reading in Banking and Finance		
	2	Human rights And democracy		
	2	Arabic		

	2	English language		
	3	Accounting principles 2	Second course	
	3	Principles of Management 2		
	3	Principles of Economics2		
	3	Principles of Statistics 2		
	2	Reading in Banking and Finance		
1	2	Computer		
	2	Financial Mathematics	First course	Second
	3	Intermediate Accounting		
	3	Money and Banking		
	2	Commercial Law		
	2	Public Finance		
	2	Financial management		
1	2	Databases		
	2	English language		
	2	Crimes of the Baath regime in Iraq		
	2	Public Finance2	Second course	
	3	Financial and banking institutions		
	3	Intermediate Accounting 2		
	3	Banking Marketing		
	2	Financial Management 2		
	2	E-commerce		
	3	Monetary policy		
1	2	Databases2		
	2	Econometrics and Finance	First course	Third
	2	Corporate Finance		
	3	Quantitative methods		
	2	accounting system		
	3	Banking operations		
	2	Bank accounting		
	3	Cost accounting		
	2	English language		

	3	Financial markets	Second course	
	2	Corporate Finance2		
	3	Financial risk management		
	3	Accounting system 2		
	3	Evaluating investment decisions		
	2	Bank Accounting 2		
	3	Cost Accounting 2		
	3	Banking information systems	First course	Fourth
	3	Investment portfolio		
	2	Audit and control		
	3	Banking standards		
	2	Research ethics		
	3	Management accounting		
	2	Islamic banks		
	2	Graduation project	Second course	
	2	Audit and control 2		
	3	Management Accounting 2		
	3	International financing		
	2	Islamic banks2		
	3	Feasibility studies and project evaluation		
	2	English language		

8. Expected learning outcomes of the program	
Knowledge	
- The ability of the department's graduates to develop their cognitive and financial skills and achieve leadership in leading financial institutions.	- Providing leading cadres in financial institutions covering both the public and private sectors.

	- Disseminating knowledge in government institutions to achieve the aspirations of society.
Skills	
- Graduates of the Department of Finance and Banking Sciences have the ability to think and solve financial problems.	- Developing and supporting the spirit of creativity, innovation and leadership. - Creating an open environment for cultural and intellectual exchange.
- Our outputs should be knowledgeable and skilled in how to accomplish the tasks assigned to them.	- Communicate and interact constructively with stakeholders.
Values	
- Adherence to professional ethics and the ability to demonstrate high professional competence.	- Establishing social and ethical responsibility. - Serving the community and meeting its requirements.
- The student must believe in the principles of integrity and transparency, and have the ability to apply the concepts of quality management at work.	- Integrity and transparency. - Quality.
9. Teaching and learning strategies	

1. Active learning: Encouraging students' active participation in learning processes, such as discussions, group activities, and problem solving, to enhance their deep understanding of mathematical concepts.

2. Cooperative learning: Encouraging students to work together in small groups to solve problems.related to their studiesAnd sharing ideas, which contributes to enhancing interaction and knowledge exchange between them.

3. Use of Technology: Leveraging technology to provide interactive learning tools such as computer software and online resources to enhance student understanding and motivation.

4. Learning basedsolutionProblems: Present specific problems and encourage students to think critically and use skills.FinanceTo solve it.

5. Multiple Instructional Strategies: Providing a variety of instructional strategies, such as interactive lectures, practical lessons, and hands-on exercises, to meet the diverse needs of students.

6. Promote thinkingAdministrativeEncourage students to develop thinking skills.AdministrativeSuch as analysis, planning and inference, by providing stimulating questions and applied problems.

7. Provide immediate feedback: Provide mechanisms to provide immediate feedback to students on their performance and understanding of concepts.Administrative, whether through periodic assessments or direct interaction with the teacher.

10. Evaluation methods

1. Classroom performance assessment: This includes assessing students' performance during lessons, lectures and workshops, whether through written tests or continuous assessment of their participation and understanding of the material.

2. Participation in discussions and activities: Students' participation in class discussions, group activities, and individual projects can be assessed to assess their understanding and engagement with the material.

3. Tests and assignments: Students may be given regular tests and assessment assignments to assess their problem-solving skills.related to their field of expertiseAnd their understanding of the concepts presented.

4. Evaluating participation in research: The extent to which students participate in research activities and scientific projects can be assessed, and an evaluation can be provided of their presentation style and analysis of their results and conclusions.

5. Practical Performance Evaluation: Students can be evaluated in practical performance through:VisitsProcess and participation in applied activities.

6. Evaluation of external participation: This includes evaluation of the extent of students' participation in external activities such as conferences, seminars, and sports competitions.

7. Evaluation of Personal and Professional Development: Students' personal, professional and academic development can be evaluated during their participation in the faculty mentoring program.

11. Faculty

Faculty members

Faculty preparation		Requirements/ Skills (if any)	Specialization		Academic Rank
lecturer	angel		private	general	
	angel		Bank managemen t	Finance and Banking	A.M.D. Ibrahim Ali Kurdi
	angel		Financial managemen t	business management	Asst. Prof. Dr. Jamal Hadash Mohammed
	angel		Numerical analysis	mathematics	A.M. Awni Mohammed Kaftan
	angel		Finance and Banking	Finance and Banking	A.M. Ahmed Farid Nagi
	angel		administrati onFinancial	business management	A.Mr. Daham Latif Daham
	angel		PoliciesCritic al	economy	A.Mr. Raad Mohammed Neda
	angel		administrati onFinancial	business management	A.Mr. Drid Musa Mahmoud
	angel		Financial managemen t	business management	Mr. Muqdad Ibrahim Jassim
	angel		sciencesBan king	Finance and Banking	Mr. Ali Abdel Qader Ahmed

angel		sciencesBanking	Finance and Banking	M. Muneeb Khalaf Muhaimid
angel		Financial management	Finance and Banking	Mr. Louay Ali Mahmoud
angel		Finance and Banking	Finance and Banking	Mr. Mohammed Abdel Karim Ahmed
angel		administrationmarketing	business management	Mr. Ali Mohammed Ibrahim
angel		administrationmarketing	business management	M. Turkan Hussein Dawoud
angel		administrationmarketing	business management	Mr. Mohammed Jadaan Hammad
angel		Monetary policies	economy	M. Anas Diab Salem
angel		accounting	accounting	Mr. Ali Fouad Taha
angel		audit	Financial accounting	M.M. Kamel Mamdouh Kamel
angel		Financial management	business management	M.M. Anwar Mahmoud Ghafouri
angel		the language	Arabic	Mr. Wissam Mustafa Hassan
angel		Computer	Computer	Asst. Prof. Dr. Qusay Abboudi Ali
angel		accounting	accounting	Prof. Dr. Saddam Mohammed Mahmoud
angel		Public Finance	economy	Prof. Dr. Khalaf Mohammed Hamad
angel		accounting	accounting	A.M. Asmaa Noman Jassim
angel		International Economy	economy	Mr. Hamoud Saad Muhaimid
angel		accounting	accounting	Mr. Basem Rashid
angel		count	count	Ms. Aisha Abdelkhaleq Ismail

angel		accounting	accounting	Mr. Abdullah Hussein Jameel
angel		accounting	accounting	M.M. Ihsan Fadel Muhammad
angel		accounting	accounting	M.M. Lubna Laith Khalil
lecturer		law	law	Mr. Ihab Abdullah Muhaimid
lecturer		English language	English language	A.M. Ahmed Khaled Hassoun
lecturer		Computer	Computer	A.M. Nayef Mohammed Hamash
lecturer		law	law	Mr. Maher Sabah Habib
lecturer		English language	English language	Mr. Taha Mahmoud Hamoud

Professional development
Orientation of new faculty members

1- Determining the needs of the university and the department: The needs of the university and the department are determined in terms of the required educational cadres and preferred specializations.

2- Orientation Programs: Customized orientation programs are designed for new, visiting, full-time and part-time members based on their needs and specialties.

3- Introduction to the University Environment: A comprehensive introduction is provided about the university and the department.General Administration, includingAbout the DepartmentAnd the visionAnd the messageThe objectives and services available.

4- Providing support resources: New members are provided with the necessary resources and support, including training courses, workshops, and technical assistance.

5- Academic Orientation: New members are oriented regarding the curricula, research areas and teaching methods used in the department.

6- Administrative Orientation: New members are oriented to administrative procedures, responsibilities, university policies and code of conduct.

7- Ongoing Support: Ongoing support is provided to new, visiting, full-time and part-time faculty members through advisory sessions, workshops and periodic evaluations.

Professional development for faculty members

1. Identifying needs and setting goals: Faculty needs are identified through surveys and performance evaluations, and then specific goals to be achieved within the program are identified.

2. Development Program Design: Based on the specific needs and objectives, a comprehensive development program is designed that includes a set of activities, training courses, workshops, and educational resources.

3. Program Implementation: The development program is implemented in a regular and organized manner, including organizing workshops, conducting training courses, and providing appropriate educational resources.

4. Use effective teaching strategies: Faculty members learn to use and apply modern and effective teaching strategies, such as cooperative learning, active learning, and educational technology.

5. Evaluation of learning outcomes: The effectiveness of the development program is evaluated by evaluating the learning outcomes of faculty members, such as increased levels of knowledge, teaching skills, and interaction with students.

6. Continuous Development: Ongoing feedback and support is provided to faculty members to promote ongoing professional and academic development.

7. Participation in scientific research and publishing:Urges andFaculty members are encouraged to engage in scientific research and publish results in prestigious academic journals, which enhances their academic standing and contributes to the development of knowledge in their fields.

12. Acceptance Criteria

1- Central acceptance.

	Accepting exceptions (martyrs' families, children of faculty, distinguished	2-
	employees, top students in institutes, foreign students).	
	Private government education	3-
	Accepting evening studies.	4-

13. The most important sources of information about the program

	University, college and electronic department website.	1-
	Priorities for establishing the department.	2-
Project to develop and update the curricula of the faculties of management and		3-
economics in Iraqi universities for the year 2017.		

14. Program Development Plan

	Curriculum development.	1-
	Open postgraduate studies (higher diploma equivalent to a master's degree).	2-
Developing teaching and administrative staff through courses, seminars and workshops		3-
in areas of specialization.		
Supporting scientific research efforts by encouraging faculty members to publish,		4-
especially in international journals.		
Conducting training programs to develop students' capabilities in technical and		5-
information technology fields.		
Organizing field visits and scientific trips for students to government institutions.		6-

Program Skills Chart														
Required learning outcomes of the program														
Values					Skills				Knowledge					
A4	A3	A2	A1	B4	B3	B2	B1	A4	A3	A2	A1	Essential or optional?	Course name	Course code	Year/Level
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		**Accounting principles**		
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		**Management principles**		
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		**Principles of Economics**		
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		**Principles of Statistics**		**First year**
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		**Reading in Banking and Finance**		
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		**Human rights And democracy**		
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		**Arabic**		

													Course		Year
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		**English language**		
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		**Accounting principles 2**		
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		**Principles of Management 2**		
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		**Principles of Economics2**		
													Principles of Statistics 2		
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		**Reading in Banking and Finance**		
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		**Financial Mathematics**		**Second year**
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		**Intermediate Accounting**		
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		**Money and Banking**		
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		**Commercial Law**		
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		**Public Finance**		
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		**Financial management**		
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		**Databases**		
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		**English language**		
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		**Crimes of the Baath regime in Iraq**		
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		**Public Finance2**		
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		**Financial and banking institutions**		
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		**Intermediate Accounting 2**		
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		**Banking Marketing**		
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		**Financial Management 2**		
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		**E-commerce**		
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		**Monetary policy**		
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		**Databases2**		
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		**Econometrics and Finance**		**Third year**
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		**Corporate Finance**		
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		**Quantitative methods**		

✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		**accounting system**	
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		**Banking operations**	
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		**Bank accounting**	
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		**Cost accounting**	
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		**English language**	
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		**Financial markets**	
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		**Corporate Finance2**	
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		**Financial risk management**	
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		**Accounting system 2**	
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		**Evaluating investment decisions**	
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		**Bank Accounting 2**	
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		**Cost Accounting 2**	
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		**Banking information systems**	Fourth year
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		**Investment portfolio**	
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		**Audit and control**	
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		**Banking standards**	
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		**Research ethics**	
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		**Management accounting**	
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		**Islamic banks**	
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		**Graduation project**	
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		**Audit and control 2**	
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		**Management Accounting 2**	
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		**International financing**	
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		**Islamic banks2**	
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		**Feasibility studies and project evaluation**	

✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		**English language**		

*Please tick the boxes corresponding to the individual learning outcomes of the programme being assessed.

Course Description Form

1. Course name	
Computer skills and basics	
2. Course code	
COB009	
3. Semester/Year	
Second course / first stage	
4. Date this description was prepared	
28-1-2024	
5. Available forms of attendance	
Weekly / Full time	
6. Number of study hours (total) / Number of units (total)	
45 hours-3 units	
7. Name of the course supervisor (if more than one name is mentioned)	
A.M. Nayef Mohammed Hamash Email:nayifit81@tu.edu.iq	
8. Course objectives	
-Providing the student with scientific knowledge and concepts in the field of computers and information technology related to his life and the needs of his society. -Introducing the student to the components of the computer (internal and external) and its various accessories. -Providing the student with skills related to some computer applications such as drawing programs and data entry.How to deal with Word in printing	Subject objectives

-Highlighting the computer as a multi-purpose tool in all aspects of life, and focusing on the characteristics of the computer and information technology such as speed and accuracyIn completing the student's work in the field of scientific research. -Providing students with self-reliance, research and investigation skills through computer applications..	
9. Teaching and learning strategies	
• Cooperative learning strategy: • Encourage students to work together on projects.ComputersShared. • Exchange of knowledge and skills in the use ofOperating System. • Developing collaboration and communication skills. • Survey strategy: • Encourage students to research and investigate specific topics usingComputers. • Teach them how to search the Internet and use search tools.Operating System. • Random excitement strategy: • Encourage students to enjoy being creative and thinking outside the box. • Use featuresOperating SystemLike graphics and colors to create interest. • Cognitive mapping strategy: • Using concept maps to organize information and ideas . • Teach students how to create knowledge maps for topics. • Multiple Intelligences Strategy: • Directing students to use their different skills inOperating Systems	Strategy

• Encourage students to tap into their unique writing, design, and critical thinking abilities. Use these strategies to improve your students' experience usingtheBarI am boredand enhance their skills	

10. Course Structure

Evaluation method	Learning method	Name of the unit or topic	Required learning outcomes	Watches	The week
Follow up on homework and formulate questions On Windows	theoretical	Historical development of computers	Computer Basics (Electronic Computer) Types of computers Computer Classifications	3	the first
Follow up on homework and formulate questions On Windows	Theoretical + Practical	Computer hardware components	How does a computer work? computer parts Input devices Output devices Processing devices Types of memory	3	the second
Follow up on homework and formulate questions On Windows	Theoretical + Practical	Programming languages in computers	Bits, bytes and counting systems in computers, types of programming languages	3	the third
Follow up on homework and formulate questions On Windows	Theoretical + Practical	Internal computer components	Computer platform, factors to consider when buying a computer, key features of a personal computer, RAM, hard drive	3	Fourth
Follow up on homework and formulate questions On Windows	Theoretical + Practical	Ways to deal with computers through the World Wide Web	Computer Security and Software Licensing	3	Fifth

			Computer viruses and hacking Malware		
Follow up on homework and formulate questions On Windows	Theoretical + Practical	Main operating system files	Operating system file security	3	Sixth
Follow up on homework and formulate questions On Windows	Theoretical + Practical	Operating system components	Operating Systems Types of operating systems Desktop Components Start menu, computer startup and shutdown, taskbar	3	Seventh
First month exam + practical exam					
Follow up on homework and formulate questions On Windows	Theoretical + Practical	Ways to deal with files	Perform window operations Minimize and restore windows Preview files Create files and folder rename methods Delete files Copy and paste files Recover deleted files and folders	3	The eighth
Follow up on homework and formulate questions On Windows	Theoretical + Practical	Word window properties	Word software applications	3	Ninth
Follow up on homework and formulate questions On Windows	Theoretical + Practical	Word program critic properties	Word software applications	3	tenth
Follow up on homework and formulate questions On Windows	Theoretical + Practical	Control unit	Control panel (control panel) Access to the control panel Main topics in the control panel Networks & Internet	3	eleventh

			Hardware & Audio		
Follow up on homework and formulate questions On Windows	Theoretical + Practical	Dealing with some Windows components	Features and characteristics of Windows operating system	3	twelfth
Follow up on homework and formulate questions On Windows	Theoretical + Practical	Internet browsers and settings	Internet applications in the operating system	3	thirteenth
Second month exam + practical exam					
	practical	-----	Review of practical lectures	3	fourteenth
	practical	----	practical exam	3	fifteenth
Final exam for the second course					

11. Course Evaluation
12 degrees (first month exam (theoretical + practical))
12 degrees (second month exam (theoretical + practical))
6 degrees (attendance, student participation and daily exams)
70 marks final exam(Theoretical + Practical)

	12. Learning and teaching resources
Curriculum Book - Ministry of Higher Education and Scientific Research Book	Required textbooks (methodology if any)
	Main References (Sources)
	Recommended supporting books and references (scientific journals, reports...)
	Electronic references, websites