نموذج وصف المقرر

1. Course name	Foundations of education
2. Course code:	
3. ١Semester/Year:	Annual
4. Date this descriptic	2023-2024
5. Available attendan forms	Lectures are delivered to students in person according to the schedule announced in the department
6. Number of study hours (total)/number of units (total)	**(2 hours per week * 30 weeks) ٦٠ hours**
7. Name of the course administrator (if more than one name is mentioned	**M. Dr. Ahmed Saleh Mahdi** **ahmedahmedsailhnoor@gmail.com**
8. Course objectives	
Objectives of the study subject	1-What is the meaning of education and the most important educational goals of education 2- Education is a process of renewal to build the experience of the individual and society. 3-Knowing the difference between education and learning 4- Emphasizing the importance of direct experience in education 4- It must be flexible and adaptable to different circumstances, situations and eras of time 5- Teaching individuals the different types of science 6-Knowledge of ancient Arab educational institutions and the most important Arab scholars and founders of modern science 7- Developing and improving the learning and personal development process for individuals

	8- Paying attention to the individual as it is the basis of the educational process, so he must be cared for physically, mentally, psychologically, and effectively, and to prepare him for life.
Teaching and learning strategies	1. In-person lectures in classrooms. 2. Discussion method, surprise exams, and methods of refining skills. 3 Asking intellectual questions or holding a competition between students, stimulating creative thinking and answering clearly and quickly to the problems presented.
9. Course structure	

Evaluation method	Learning method	Name of the unit or topic	Required learning outcomes	hours	the week
Quarterly and daily attendance exams	**In-person lectures**	**The meaning of education and its elements, the educational goals of education…**	**The student is able to understand the given material**	**10hours**	**5 weeks**
Quarterly and daily attendance exams	**In-person lectures**	**Types of education and the historical basis of education…..**	**The student is able to understand the given material**	**10hours**	**5weeks**
Quarterly and daily attendance exams	**In-person lectures**	**Old schools and their cultural message….**	**The student is able to understand the given material**	**10hours**	**5weeks**
Quarterly and daily attendance exams	**In-person lectures**	**Arab education and its philosophy…**	**The student is able to understand the given**	**10hours**	**5weeks**

			material		
Quarterly and daily attendance exams	**In-person lectures**	**Educational institutions and institutes among Muslims and the signs of Arab-Islamic educational thought…**	**The student is able to understand the given material**	**10hours**	**5weeks**
Quarterly and daily attendance exams	**In-person lectures**	**The social basis of education, modern education……**	**The student is able to understand the given material**	**10hours**	**5weeks**

10.Course evaluation		
	• Semi-daily and monthly tests And surprise exams. • Daily class participation	
11.Learning and teaching resources		
	1- Hadeel Al-Sheikh / Foundations of Education 2-. Habib Saad Abdel Salam / Foundations of Modern Education 3- Fahim Hussein Al-Tari / Foundations of Education	Required textbooks (methodology, if any)
Main references (sources)		
	Recommended supporting books and references (scientific journals).	
	Electronic references, Internet sites	

Curriculum for the subject / Structured Programming / Department of Computer Science / First Stage

1. Educational institution	University of Maysan / College of Education
2. Scientific department/center	Department of Computer Science
3. Course name/code	Structured programming
4. Available forms of attendance	Actual daily attendance of students according to the lecture schedule
5. Semester/year	annual
6. Number of study hours) . total)	120 hours / (2 theoretical + 2 practical) per week For 30 weeks
7. Date this description . was prepared	2024

8. Course objectives

1. Qualifying the student to teach this subject in middle schools.
2. Identify the beginning of programming correctly, independently of the specificity of the programming language, while consolidating the concepts (C++), emphasizing practical practice through a deeply structured programming language.
3. Teaching the basics of programming, the algorithm for solving a problem, and transferring it to a program in one of the programming languages as a programming language. (C++) Structured procedural language was adopted
4. The course also aims to enable students to acquire programming skills and solve problems programmatically, as well as write applied programs that are useful in the work of various institutions.

9. Course outcomes and teaching, learning and evaluation methods

A- Cognitive objectives

1. The student knows how to accurately describe the steps to solve the problem, which later helps him write programs correctly.
2. The student's knowledge of the instructions of the C++ language.
3. The student's knowledge of data types and how to express them programmatically.
4. The student's knowledge of data entry methods.
5. The student's knowledge of how to process data and how to extract it.

B - The skills objectives of the course

1. Use the appropriate set of instructions to solve the problem.

Curriculum for the subject / Structured Programming /
Department of Computer Science / First Stage

2. Being able to represent what the student has learned theoretically in a practical way in the laboratory.
3. Being able to draw a flow chart to solve a specific problem.
4. Being able to determine the time taken to implement the algorithm. .

10 Teaching and learning methods

1. Method of delivery and discussion style.
2. Laboratory activities and additional exercises as assignments.
3. Daily and monthly exams.

11. Evaluation methods

1- Conducting daily/monthly/final theoretical and practical tests.
2- Duties.
3- Conducting oral exams.

12 Emotional and value goals

1- Realizing the impact of the computer on the development of human thought and the advancement of science and technology.
2- Appreciate the importance of solving problems programmatically instead of manual solutions.
3- The desire to explore information, solve problems, and derive new information for specific purposes.

13- Teaching and learning methods

1- Presenting traditional solutions to some problems and comparing them with modern solutions.
2- Present some advanced problems and instruct the student to search for them on the Internet.
3- Additional exercises at home and encouraging students to actively participate in solving some class exercises on the board inside the classroom.

Evaluation methods -14

1. Discussion and dialogue.
2. .Reports preparation

15 - General and qualifying transferable skills (other skills related to employability and personal development)

1- That the student is able to employ the knowledge he has acquired.
2- To be able to benefit from knowledge.
3- To acquire teaching skills.

Curriculum for the subject / Structured Programming / Department of Computer Science / First Stage

4- Positive thinking.		
16- Course structur		
the topic	hours	the week
Algorithms & flowcharts	12	3
Introduction of C++ language	4	1
Data types	4	1
General tools of C++ language Arithmetic, logical, relational	12	3
Decrement, and assignment operators of C++ language	4	1
Operators precedence in C++ language & comment	4	1
Variables and constants and reserved words	4	1
Conditional statements	8	2
Loop statements	8	2
Nesting loops	8	2
Jump statement	8	2
1D-Arrays	8	2
2D-Arrays	8	2
C++ Strings	8	2
Functions	12	3
Files	8	2
Sources .17		
Required prescribed books	**1. Stanley B. Lippman , Josée Lajoie , and Barbara E. Moo, "C ++ Primer", fourth edition, 2005.** **2. Juan Soulié , "C++ Language Tutorial", 2008.**	
Main references	**1. Juan Soulié , "C++ Language Tutorial", 2008.** **2. Juan Soulié , "C++ Language Tutorial", 2008.** **3. 3. Bäckman , K., 2015. *Structured Programming with C++* . Bookboon**	

وزارة التعليم العالي والبحث العلمي
جهاز الإشراف والتقويم العلمي
دائرة ضمان الجودة والاعتماد الأكاديمي
قسم الاعتماد

دليل وصف البرنامج الأكاديمي والمقرر

2024

المقدمة:

يُعد البرنامج التعليمي بمثابة حزمة منسقة ومنظمة من المقررات الدراسية التي تشتمل على إجراءات وخبرات تنظم بشكل مفردات دراسية الغرض الأساس منها بناء وصقل مهارات الخريجين مما يجعلهم مؤهلين لتلبية متطلبات سوق العمل يتم مراجعته وتقييمه سنوياً عبر إجراءات وبرامج التدقيق الداخلي أو الخارجي مثل برنامج الممتحن الخارجي.

يقدم وصف البرنامج الأكاديمي ملخص موجز للسمات الرئيسة للبرنامج ومقرراته مبيناً المهارات التي يتم العمل على اكسابها للطلبة مبنية على وفق اهداف البرنامج الأكاديمي وتتجلى أهمية هذا الوصف لكونه يمثل الحجر الأساس في الحصول على الاعتماد البرامجي ويشترك في كتابته الملاكات التدريسية بإشراف اللجان العلمية في الأقسام العلمية.

ويتضمن هذا الدليل بنسخته الثانية وصفاً للبرنامج الأكاديمي بعد تحديث مفردات وفقرات الدليل السابق في ضوء مستجدات وتطورات النظام التعليمي في العراق والذي تضمن وصف البرنامج الأكاديمي بشكلها التقليدي نظام (سنوي، فصلي) فضلاً عن اعتماد وصف البرنامج الأكاديمي المعمم بموجب كتاب دائرة الدراسات ت م٣/٢٩٠٦ في ٢٠٢٣/٥/٣ فيما يخص البرامج التي تعتمد مسار بولونيا أساساً لعملها.

وفي هذا المجال لا يسعنا إلا أن نؤكد على أهمية كتابة وصف البرامج الاكاديمية والمقررات الدراسية لضمان حسن سير العملية التعليمية.

مفاهيم ومصطلحات:

وصف البرنامج الأكاديمي: يوفر وصف البرنامج الأكاديمي ايجازاً مقتضباً لرؤيته ورسالته وأهدافه متضمناً وصفاً دقيقاً لمخرجات التعلم المستهدفة على وفق استراتيجيات تعلم محددة.

وصف المقرر: يوفر إيجازاً مقتضياً لأهم خصائص المقرر ومخرجات التعلم المتوقعة من الطالب تحقيقها مبرهناً عما إذا كان قد حقق الاستفادة القصوى من فرص التعلم المتاحة. ويكون مشتق من وصف البرنامج.

رؤية البرنامج: صورة طموحة لمستقبل البرنامج الأكاديمي ليكون برنامجاً متطوراً وملهماً ومحفزاً وواقعياً وقابلاً للتطبيق.

رسالة البرنامج: توضح الأهداف والأنشطة اللازمة لتحقيقها بشكل موجز كما يحدد مسارات تطور البرنامج واتجاهاته.

اهداف البرنامج: هي عبارات تصف ما ينوي البرنامج الأكاديمي تحقيقه خلال فترة زمنية محددة وتكون قابلة للقياس والملاحظة.

هيكلية المنهج: كافة المقررات الدراسية / المواد الدراسية التي يتضمنها البرنامج الأكاديمي على وفق نظام التعلم المعتمد (فصلي، سنوي، مسار بولونيا) سواء كانت متطلب (وزارة، جامعة، كلية وقسم علمي) مع عدد الوحدات الدراسية.

مخرجات التعلم: مجموعة متوافقة من المعارف والمهارات والقيم التي اكتسبها الطالب بعد انتهاء البرنامج الأكاديمي بنجاح ويجب أن يُحدد مخرجات التعلم لكل مقرر بالشكل الذي يحقق اهداف البرنامج.

استراتيجيات التعليم والتعلم: بأنها الاستراتيجيات المستخدمة من قبل عضو هيئة التدريس لتطوير تعليم وتعلم الطالب وهي خطط يتم إتباعها للوصول إلى أهداف التعلم. أي تصف جميع الأنشطة الصفية واللاصفية لتحقيق نتائج التعلم للبرنامج.

نموذج وصف البرنامج الأكاديمي

اسم الجامعة: جامعة ميسان

الكلية/ المعهد: كلية التربية

القسم العلمي: قسم الحاسبات

اسم البرنامج الأكاديمي او المهني: بكالوريوس

اسم الشهادة النهائية: بكالوريوس في تربية الحاسبات

النظام الدراسي: سنوي

تاريخ اعداد الوصف:

تاريخ ملء الملف:

التوقيع :	**التوقيع :**
اسم رئيس القسم:	**اسم المعاون العلمي:**
التاريخ :	**التاريخ :**

دقق الملف من قبل

شعبة ضمان الجودة والأداء الجامعي

اسم مدير شعبة ضمان الجودة والأداء الجامعي:

التاريخ

التوقيع

مصادقة السيد العميد

١. رؤية البرنامج
تذكر رؤية البرنامج كما هو مذكور في نشرة الجامعة وموقعها الإلكتروني.

٢. رسالة البرنامج
تذكر رسالة البرنامج كما هو مذكور في نشرة الجامعة وموقعها الإلكتروني.

٣. اهداف البرنامج
عبارات عامة تصف ما ينوي البرنامج او المؤسسة تحقيقه .

٤. الاعتماد البرامجي
هل البرنامج حاصل على الاعتماد البرامجي ؟ ومن اي جهة ؟

٥. المؤثرات الخارجية الأخرى
هل هناك جهة راعية للبرنامج ؟

٦. هيكلية البرنامج

هيكل البرنامج	عدد المقررات	وحدة دراسية	النسبة المئوية	ملاحظات *
متطلبات المؤسسة				
متطلبات الكلية				
متطلبات القسم				
التدريب الصيفي				
أخرى				

* ممكن ان تتضمن الملاحظات فيما اذا كان المقرر أساسي او اختياري .

٧. وصف البرنامج

السنة / المستوى	رمز المقرر أو المساق	اسم المقرر أو المساق	الساعات المعتمدة	
			نظري	عملي

٨. مخرجات التعلم المتوقعة للبرنامج

المعرفة	
مخرجات التعلم ١	بيان نتائج التعلم ١
المهارات	
مخرجات التعلم ٢	بيان نتائج التعلم ٢
مخرجات التعلم ٣	بيان نتائج التعلم ٣
القيم	
مخرجات التعلم ٤	بيان نتائج التعلم ٤
مخرجات التعلم ٥	بيان نتائج التعلم ٥

٩. استراتيجيات التعليم والتعلم

استراتجيات وطرائق التعليم والتعلم المعتمدة في تنفيذ البرنامج بشكل عام .

١٠. طرائق التقييم

تنفيذها في جميع مراحل البرنامج بشكل عام .

١١. الهيئة التدريسية

أعضاء هيئة التدريس

الرتبة العلمية	التخصص		المتطلبات/المهارات الخاصة (ان وجدت)		اعداد الهيئة التدريسية	
	عام	خاص			ملاك	محاضر

التطوير المهني
توجيه أعضاء هيئة التدريس الجدد
تصف بإيجاز العملية المستخدمة لتوجيه أعضاء هيئة التدريس الجدد والزائرين والمتفرغين وغير المتفرغين على مستوى المؤسسة والقسم.
التطوير المهني لأعضاء هيئة التدريس
تصف بإيجاز خطة وترتيبات التطوير الأكاديمي والمهني لأعضاء هيئة التدريس كاستراتيجيات التدريس والتعلم، وتقييم نتائج التعلم، التطوير المهني وما الى ذلك.

١٢. معيار القبول
(وضع الأنظمة المتعلقة بالالتحاق بالكلية أو المعهد سواء قبول مركزي او أخرى تذكر)

١٣. أهم مصادر المعلومات عن البرنامج
تذكر بصورة مختصرة .

١٤. خطة تطوير البرنامج

مخطط مهارات البرنامج																			
			مخرجات التعلم المطلوبة من البرنامج																
السنة / المستوى	رمز المقرر	اسم المقرر	اساسي أم اختياري	المعرفة				المهارات								القيم			
				أ١	أ٢	أ٣	أ٤	ب١	ب٢	ب٣	ب٤	ج١	ج٢	ج٣	ج٤

- يرجى وضع اشارة في المربعات المقابلة لمخرجات التعلم الفردية من البرنامج الخاضعة للتقييم

Course description form

1. Course Name: Logic design
2.Course Code:
2. Season/Year 2023-2024
3.Date of preparation of this description 2-3-2024
4.Forms of attendance available on a daily basis
5. of study hours (total) / Number of units (total) 60 Theoretical 60 Practical
6.The name of the course leader (if more than one name is mentioned)
Name: Mohammed Hamdan Yousef Email : mohammed1987hamdan@gmail.com

١. Course objectives

Introduction to the science of logical design Introducing the student to the theoretical and practical skills of the logical design subject and how to design electronic logic circuits And represent it with a calculator. Preparing students to teach this subject to middle and middle school students. Preparing students to work in various private and governmental sectors.	**Objectives of the study subject**

٢. Teaching and learning strategies

Presenting theoretical material either through dialogue or displaying it on a screen. Applying theoretical material to the calculator. Assignments and exercises. Theoretical and practical lectures weekly. There are discussion lessons and solving exercises. Assigning the student to prepare periodic reports.	The strategy

٣. Course structure

week	Learning method	Name of the unit or topic	Required learning outcomes	hours	Evaluation method
١	Dialogue method And discussion	Chapter One: Number Systems	Chapter One: Number Syster	2Theoretical + 2practical	Lectures+ Laboratories+ Daily and monthly exams+ Final exam

٢	Dialogue method And discussion	Chapter One: Number Systems	Decimal numbers Decimal numbers Fractions of numbers Their weights	2Theoretical + 2practical	Lectures+ Laboratories+ Daily and monthly exams+ Final exam
٣	Dialogue method And discussion	Chapter One: Number Systems	Eight numbers exadecimal numbers	2Theoretical + 2practical	Lectures+ Laboratories+ Daily and monthly exams+ Final exam
٤	Dialogue method And discussion	Chapter Two: Converting Numbers	Conversion from deci system to other numer systems Binary octal, l handed hexa And vice versa	2Theoretical + 2practical	Lectures+ Laboratories+ Daily and monthly exams+ Final exam
٥	Dialogue method And discussion	Chapter Three: Mathematical Operations For numbers	Add and subtract numbers in many ways	2Theoretical + 2practical	Lectures+ Laboratories+ Daily and monthly exams+ Final exam
٦	Dialogue method And discussion	Chapter Three: Mathematical Operations For numbers	The first complement and the complement The second and its mathematical operations	2Theoretical + 2practical	Lectures+ Laboratories+ Daily and monthly

					exams+ Final exam
٧	Dialogue method And discussion	Multiply and divide numbers	Multiply and divide numbers	2Theoretical + 2practical	Lectures+ Laboratories+ Daily and monthly exams+ Final exam
٨	Dialogue method And discussion	Chapter Four: Numbers without weights	Knowledge of BCD and BCD numbers EX-3	2Theoretical + 2practical	Lectures+ Laboratories+ Daily and monthly exams+ Final exam
٩	Dialogue method And discussion	Chapter Four: Numbers without weights	Binary to Gray	2Theoretical + 2practical	Lectures+ Laboratories+ Daily and monthly exams+ Final exam
١٠	Dialogue method And discussion	Chapter 5 Boolean algebra	Logic gates And the truth table	2Theoretical + 2practical	Lectures+ Laboratories+ Daily and monthly exams+ Final exam
١١	Dialogue method And discussion	Boolean algebra	Simplifying Boolean equatio	2Theoretical + 2practical	Lectures+ Laboratories+ Daily and monthly

					exams+ Final exam
١٢	Dialogue method And discussion	Boolean algebra	Use of logic gates And learn about its types And its outputs	2Theoretical + 2practical	Lectures+ Laboratories+ Daily and monthly exams+ Final exam
١٣	Dialogue method And discussion	hapter Six Demorcan Laws	Using Demorcan's Laws in Abbreviations	2Theoretical + 2practical	Lectures+ Laboratories+ Daily and monthly exams+ Final exam
١٤	Dialogue method And discussion	Karnov Map	Learn about adding multiplication Learn about multiplication of groups	2Theoretical + 2practical	Lectures+ Laboratories+ Daily and monthly exams+ Final exam
١٥	EXAM	EXAM	EXAM	EXAM	Lectures+ Laboratories+ Daily and monthly exams+ Final exam
١٦	Dialogue method And discussion	Karnov Map	Construct a brief logical syst	2Theoretical + 2practical	Lectures+ Laboratories+ Daily and monthly

					exams+ Final exam
١٧	Dialogue method And discussion	Chapter Seven Logical Analysis For groups	ull adder& half	2Theoretical + 2practical	Lectures+ Laboratories+ Daily and monthly exams+ Final exam
١٨	Dialogue method And discussion	Chapter Seven Full Adder /Full subtractor	full adder	2Theoretical + 2practical	Lectures+ Laboratories+ Daily and monthly exams+ Final exam
١٩	Dialogue method And discussion	Chapter Seven Full Adder /Full subtractor	half &full subtractor	2Theoretical + 2practical	Lectures+ Laboratories+ Daily and monthly exams+ Final exam
٢٠	Dialogue method And discussion	Use comparisons	،Using logic gates To compare numbers	2Theoretical + 2practical	Lectures+ Laboratories+ Daily and monthly exams+ Final exam
٢١	Dialogue method And discussion	Use comparisons	Convert numbers using Logic gates	2Theoretical + 2practical	Lectures+ Laboratories+ Daily and monthly

					exams+ Final exam
٢٢	Dialogue method And discussion	Half-Adder	Half-Adder	2Theoretical + 2practical	Lectures+ Laboratories+ Daily and monthly exams+ Final exam
٢٣	Dialogue method And discussion	Decoders	Student knowledge of operations Decryption	2Theoretical + 2practical	Lectures+ Laboratories+ Daily and monthly exams+ Final exam
٢٤	Dialogue method And discussion	Exam	Exam	2Theoretical + 2practical	Lectures+ Laboratories+ Daily and monthly exams+ Final exam
٢٥	Dialogue method discussion	Encoders	Know the student on Encryption operations	2Theoretical + 2practical	Lectures+ Laboratories+ Daily and monthly exams+ Final exam
٢٦	Dialogue method discussion	Multiplexers	Learn how to transfer information in Damm or voter	2Theoretical + 2practical	Lectures+ Laboratories+ Daily and monthly

					exams+ Final exam
٢٧	Dialogue method discussion	DE multiplexer	How to learn in this device On one entry and one exit Multi	2Theoretical + 2practical	Lectures+ Laboratories+ Daily and monthly exams+ Final exam
٢٨	Dialogue method discussion	Memories	Learning on types of memory RAM	2Theoretical + 2practical	Lectures+ Laboratories+ Daily and monthly exams+ Final exam
٢٩	Dialogue method discussion	Memories	Learning types of memory ROM	2Theoretical + 2practical	Lectures+ Laboratories+ Daily and monthly exams+ Final exam
٣٠	Exam	Exam	Exam		

١١. Course evaluation

Distribution of the grade out of 100 according to the tasks assigned to the student, such as daily preparation, daily, oral, monthly, written exams, reports, etc.

12.Learning and teaching resources

1-Digital Logic Fundamentals 9th edition (Thomas L. Floyd)	Required textbooks (methodology, if any)

Digital Logic And Computer Design By M. Morris Mano	Main references (sources)
Translator of basics of logic and computer design	Recommended supporting books and references (scientific journals, reports....)
	Electronic references, Internet sites

Course description form

Course description

This course description provides a summary of the most important characteristics of the course and the learning outcomes that the student is expected to achieve, demonstrating whether he or she has made the most of the learning opportunities available. It must be linked to the program description.

1-Educational institution	University of Misan / College of Education
2-Scientific Department / Stage	Department of Computers Science / First level
3-Course name/code	Mathematics
4-Available attendance forms	Attendance hours are according to the schedule announced in Class
5-Academic system	Annual course
6-Number of study hours (total)	90 hours ‘3 hours per week *30 per week
7-Date this description was prepared	4/4/2024

8. Course objectives

1-That the student acquires foundational skills for mathematics in terms of language, symbols, information, and methods of thinking.
2-The student achieves familiarity with mathematics as a means of communication for different ideas and information.
3-Developing mental skills that enable the student to benefit from the information he learns and the skills he acquires
And employing it to serve his requirements as an individual and to serve the goals of society in terms of social and economic development.
4-Integration of knowledge in terms of benefiting from mathematical information in other theoretical fields of study The process and the dependence of academic subjects on each other.
5- Acquiring some practical skills, such as using engineering tools, measurement skills, practical construction, and operating some devices and machines, such as using the MATLAB program to draw functions.

9. Course outcomes and teaching, learning and evaluation methods

A- Cognitive objectives

1-The student remembers the information and laws given in the course.
2-That the student understands the course topics and related mathematics problems.
3-The student should be able to apply what he has learned to solve mathematics problems.
4-That the student is able to analyze the text of the question and arrange the information to benefit from it in the solution and obtain correct results.
5-The student composes problems related to the course topics and then arrives at their correct solution.
6-The student should have ideas about the course material and know how to devise appropriate laws to solve it.

B - The skills objectives of the course

1-The student must demonstrate the required mathematical laws related to the course vocabulary.
2-The student should use the appropriate laws to solve each problem.
3-The student must be proficient in linking topics that can be linked within the course vocabulary.
4-The student should distinguish between the uses of theorems and laws during the solution.

Teaching and learning methods

In-person lectures.
Discussion style.
Auxiliary video lectures on the teacher's YouTube channel.

Evaluation methods

1. Daily Quiz and monthly attendance tests
2. Assigning the student to academic tasks for which he will be rewarded
3. Assigning the student to make reports on mathematics topics.

General goals

1-The student should show interest in the explanation the teacher provides of the subject.
2-The student must have sufficient conviction about the importance of the material he is receiving.
3-That the student is able to organize the data he has to solve mathematical problems.
4-The student should be able to discuss and justify solutions to mathematics problems and suggest some other possible solutions to the problem.

Teaching and learning methods

1-Education using modern educational methods.
2-Teaching using competitions, which stimulate the spirit of enthusiasm among students.
3-Learning by making the student a teacher to enhance his self-confidence.
4-Learning through brainstorming among students.

Evaluation methods

1. The method of discussion and dialogue between the student and the teacher.
2. Observation method.
3. Attendance exams.

Targeted skills:

1-Using the acquired information in the field of life
2-Personal development through linking traditional education and e-learning.
3-Building the personality of a competent mathematics teacher who can transfer his experiences to students in the future.
4-Preparing the student scientifically and educationally according to solid scientific foundations.

11. Course vocabulary					
Weeks	**Hours**	**Required learning outcomes**	**Name of the unit/topic**	**Teaching method**	**Evaluation method**
1-3 weeks	9 hours	The student is able to understand the given material	The Intervals: -finite intervals -open intervals -Close intervals -Infinite intervals -Inequalities & absolute inequalities	Lecture and discussion	Quarterly and daily exams
4-5 weeks	6 hours	The student is able to understand the given material	- Type of function, composite function, Inverse function -Find domain of function, -Domain Root Function -Algebraic of function,	Lecture and discussion	Quarterly and daily exams
6-7 weeks	6 hours	The student is able to understand the given material	Graph of functions, limits - Theorem -A finite and infinite Limits -Continuity	Lecture and discussion	Quarterly and daily exams
8-10 weeks	9 hours	The student is able to understand the given material	-Trigonometric Functions -Graphs of Trigonometric functions -Limits of Trigonometric functions -Inverse of Trigonometric functions	Lecture and discussion	Quarterly and daily exams
11-15 weeks	15 hours	The student is able to understand the given material	-Logarithmic Functions -Nature logarithm -Normal logarithm -Exponential function that base e and a	Lecture and discussion	Quarterly and daily exams
16-20 weeks	15 hours	The student is able to understand the given material	-Derivatives - - Derivative by definition - Derivative by rules - Derivatives of higher order -Chain rules - Implicit differentiation	Lecture and discussion	Quarterly and daily exams

21-25 weeks	15 hours	The student is able to understand the given material	Sequences and Series A finite Sequences An infinite Sequences Power series Taylor Series Maclaurin Series	Lecture and discussion	Quarterly and daily exams
26-30 weeks	15 hours	The student is able to understand the given material	Integration -Indefinite Integral -Rules of Integration -Integral of Trigonometric functions -Integral of the Inverse Trigonometric functions -Definite integral	Lecture and discussion	Quarterly and daily exams

Helping sources	
Required prescribed books	1.Thomas Calculus, "Including Second-Order Differential Equations," 2005
Main references (sources)	1. Thomas Calculus, "Including Second-Order Differential Equations," 2005. 2. Math 221 FIRST SEMESTER Calculus, 2009.
A- Recommended books and references (magazines). Scientific reports, articles)	Thomas Calculus, Second Edition THOMAS CALCULUS, Twelfth Edition
B - Electronic references	https://www.youtube.com/channel/UC6WU7ZNuJxi8nNT6LePpjg

12. Course development plan

Developing the academic vocabulary for the current curriculum by deleting some paragraphs and adding others

Course Description Form

Arabic Language	1. Course Name
	2. Course Code:
annual	3. Semester / Year :
2023/ 2024	4. :description Date of preparation of th
Lectures are delivered in person to students according to the schedule announced in the department	5. Available Forms of Attendance:
60 hours (2 hours per week * 30 weeks)	6. Number of study hours (total)/number of units (total)
Name: Baraa Abdel Hussein	7. Course administrator's name (if more than one name)

8. Course Objectives

1 L am a man of the same age Qualifying students to make them able to use the Arabic language correctly to be **People with a sound language that qualifies them to stand in front of students and speak in front of them** **2 . Avoid as many linguistic errors as possible in their teaching work in Secondary schools** **3. Access to a certain amount of Arabic grammatical, linguistic and spelling vocabulary** **4. Study some Qur'an, poetic and prose texts to learn about sober linguistic methods**	Course Objectives

1. Teaching and Learning Strategies

1. Face-to-face lectures in the classrooms. **2. Discussion style, surprise exams and skills refinement methods.** **3. Asking intellectual questions or conducting a competition between students and stimulating creative thought and a clear and quick answer to the problems received.**	**Strategy**

4. Course Structure

Evaluation method	Learning method	Unit or subject name	Required Learning Outcomes	Hours	The week
Semester and daily in-person exams	Face-to-face lectures	Nominal sentences The debutante	The student can understand	10 hours	5 weeks

		and the news	the material given		
Semester and daily in-person exams	Face-to-face lectures	Beginning transcriptionists Kan and her sisters Anne and her sisters No sex negation	The student can understand the material given	10 hours	5 weeks
Semester and daily in-person exams	Face-to-face lectures	Selections from Quranic texts A Quranic text from Surat Yusuf and a study of a story included in the text Surat Al-Kahf and the study of two stories included in the text Surat Al-Duha and its stories	The student can understand the material given	10 hours	5 weeks
Semester and daily in-person exams	Face-to-face lectures	Actual sentence Past tense Present tense verb He did the thing. Object	The student can understand the material given	10 hours	5 weeks
Semester and daily in-person exams	Face-to-face lectures	Introduction to Arabic spelling Drawing the hamza at the beginning of	The student can understand the material given	10 hours	5 weeks

		the word, in the middle of the word, and at the end of the word Punctuation			
Semester and daily in-person exams	Face-to-face lectures	Number Status of the number Reminder and feminization of the number Distinguish number Definition and denial of number	The student can understand the material given	10 hours	5 weeks

5. Course Evaluation	
* Daily and monthly tests and surprise exams. * Daily classroom participation.	
6. Learning and Teaching Resources	
Lectures in Arabic	Required textbooks (methodology, if any)
Explanation of Ibn Aqeel on the millennium of Ibn Malik - the collector of Arabic lessons The curriculum in grammar and syntax Some websites (https://www.noor -book.com)	Main references (sources)
Arabic stories and novels Some Arabic research and sources	Recommended books and references (scientific journals, reports...)
Arabic grammar websites	Electronic References, Websites

Course Description Form

1. Course Name: Computer Organization
2.Course Code:
2. Season/Year 2023-2024
3.Date of preparation of this description 2-3-2024
4.Forms of attendance available on a daily basis
5. of study hours (total) / Number of units (total) 60 Theoretical 60 Practical
6.The name of the course leader (if more than one name is mentioned)
Name: Mohammed Hamdan Yousef Email : mohammed1987hamdan@gmail.com

١. Course Objectives	
Objectives of the course	**Students acquire positive and purposeful tendencies towards information technology in general and strengthen their desire towards computers. It also develops mental skills that enable the student to utilise the information he learns and the skills he acquired and employ them in serving him as an individual and in serving the goals of society.**

١. Teaching and learning strategies	
The strategy	

١. بنية المقرر

Week	Hours	Unit or topic name	Required Learning Outcomes	Method of learning	Assessment method
1	2 theoretical + 2 practical	Representation of numbers and symbols	Learn how to represent numbers	Dialogue method and discussion	Lectures+ Labs Daily and monthly exams+ Final Exam
2	2 theoretical + 2 practical	Processor Architecture	And the symbols in the calculator	Dialogue method and discussion	Lectures+ Labs Daily and monthly exams+ Final Exam
3	2 theoretical + 2 practical	Fetch and Execution	How to retrieve information And its implementation	Dialogue method and discussion	Lectures+ Labs

					Daily and monthly exams+ Final Exam
4	2 theoretical + 2 practical	Vectors, registers, arithmetic and logic unit	Identify vectors and registers	Dialogue method and discussion	Lectures+ Labs Daily and monthly exams+ Final Exam
5	2 theoretical + 2 practical	Control unit	Arithmetic and verbal operations	Dialogue method and discussion	Lectures+ Labs Daily and monthly exams+ Final Exam
6	2 theoretical + 2 practical	Random access memory read only memory	Identify the unit	Dialogue method and discussion	Lectures+ Labs Daily and monthly exams+ Final Exam
7	2 theoretical + 2 practical	Virtual memory	Control in the processor	Dialogue method and discussion	Lectures+ Labs Daily and monthly exams+ Final Exam
8	2 theoretical + 2 practical	Cache memory	The student learns about a memory	Dialogue method and discussion	Lectures+ Labs Daily and monthly exams+ Final Exam
9	2 theoretical + 2 practical	Input and output system basic's	RAM ROM	Dialogue method and discussion	Lectures+ Labs Daily and monthly exams+ Final Exam
10	2 theoretical + 2 practical	Hard Disk	Memory recognition	Dialogue method and discussion	Lectures+ Labs Daily and monthly exams+ Final Exam
11	2 theoretical + 2 practical	CD	Imaginary	Dialogue method and discussion	Lectures+ Labs Daily and monthly exams+ Final Exam
12	2 theoretical + 2 practical	Input and output devices	The student gets to know	Dialogue method and discussion	Lectures+ Labs Daily and monthly exams+ Final Exam
13	2 theoretical + 2 practical	, Keyboard Touch screen, mouse	Critical memory	Dialogue method and discussion	Lectures+ Labs Daily and monthly exams+ Final Exam
14	2 theoretical + 2 practical	printer, display Output	Learn about printers and their types And its components	Dialogue method and discussion	Lectures+ Labs Daily and monthly exams+ Final Exam
15	2 theoretical +	Model for	Identify the most important	Dialogue method	Lectures+

	2 practical	processor ٨٠٨٨/٨٠٨٨	differences between	and discussion	Labs Daily and monthly exams+ Final Exam
16	2 theoretical + 2 practical	,٨٠٨٨/٨٠٨٦ general-purpose registers, records indexing and Mark, media records	Healers	Dialogue method and discussion	Lectures+ Labs Daily and monthly exams+ Final Exam
17	2 theoretical + 2 practical	Data transmission	The student gets to know the most important records	Dialogue method and discussion	Lectures+ Labs Daily and monthly exams+ Final Exam
18	2 theoretical + 2 practical	Programming languages	And media for therapists	Dialogue method and discussion	Lectures+ Labs Daily and monthly exams+ Final Exam
19	2 theoretical + 2 practical	ً Compilers, Assembly	The student gets to know	Dialogue method and discussion	Lectures+ Labs Daily and monthly exams+ Final Exam
20	2 theoretical + 2 practical	Interpreter, translator	Data transfer methods	Dialogue method and discussion	Lectures+ Labs Daily and monthly exams+ Final Exam
21	2 theoretical + 2 practical	Memory, address data organization	Learn about God's language	Dialogue method and discussion	Lectures+ Labs Daily and monthly exams+ Final Exam
22	2 theoretical + 2 practical	Memory segmentation,	and high-level languages	Dialogue method and discussion	Lectures+ Labs Daily and monthly exams+ Final Exam
23	2 theoretical + 2 practical	generation a memory address space(logical and physical address)	The student gets to know translators	Dialogue method and discussion	Lectures+ Labs Daily and monthly exams+ Final Exam
24	2 theoretical + 2 practical	assembly Set instruction	Assembly	Dialogue method and discussion	Lectures+ Labs Daily and monthly exams+ Final Exam
25	2 theoretical + 2 practical	Transfer instruction	The student gets to know the interpreter	Dialogue method and discussion	Lectures+ Labs Daily and monthly exams+ Final Exam
26	2 theoretical + 2 practical	Arithmetic instruction	The translator	Dialogue method and discussion	Lectures+ Labs Daily and monthly exams+ Final Exam
27	2 theoretical +	Instruction	To get to know the student	Dialogue method	Lectures+

	2 practical	Logical		and discussion	Labs Daily and monthly exams+ Final Exam
28	2 theoretical + 2 practical	Input programming methods	On addressing patterns	Dialogue method and discussion	Lectures+ Labs Daily and monthly exams+ Final Exam
29	2 theoretical + 2 practical	Output programming methods		Dialogue method and discussion	Lectures+ Labs Daily and monthly exams+ Final Exam
30	2 theoretical + 2 practical	Pipelining Design Techniques	For the student to recognize passages	Dialogue method and discussion	Lectures+ Labs Daily and monthly exams+ Final Exam

١١. Course evaluation

Distribution of the grade out of 100 according to the tasks assigned to the student, such as daily preparation, daily, oral, monthly, written exams, reports, etc.

12.Learning and teaching resources

Required textbooks (methodology, if any)	2003 s'Norton Peter for computers to Introduction
Main references (sources)	THE INTEL MICROPROCESSORS 8086/8088, 80186/80188, 80286, 80386, 80486, Pentium, Pentium Pro Processor, Pentium II, Pentium III, Pentium 4, and Core2 with 64-Bit Extensions Architecture, Programming, and Interfacing Eighth Edition BARRY B. BREY 2009. "Fundamentals of computer organization and architecture" By John wiley & Sons, 2005.
Recommended supporting books and references (scientific journals, reports....)	support.microsoft.com
Electronic references, Internet sites	2003 s'Norton Peter for computers to Introduction

1. Educational institution	University of Missan/College of Education
2. Scientific department/center	Department of Computer Science
3. Course name/code	human rights
4. Available attendance forms	Attendance in the hall
5. Semester/year	Annual course
6. Accredited accreditation program	Theoretical study
7. The date this description was prepared	13/8/2024
8. Course objectives	
A- Developing the student's awareness of the history of the emergence of the issue of human rights	
B- The student's familiarity with the stages of development of human rights laws	
C- Introducing the student to the stages and countries that had an impact on human rights legislation	
T- Introducing the student to the importance of human rights and their effects on reality	
9- The required program outcomes and teaching, learning and evaluation methods	
A- Cognitive objectives 1-To become familiar with the concept of teaching human rights 2-To become familiar with the concept of methods and strategies for teaching human rights 3-To use the latest methods in teaching	
B - The program's skill objectives 1- Performance skills by involving the student in the lesson 2- Use explanatory means by reviewing the laws issued regarding human rights 3- Sharing the lesson by students	
Teaching and learning methods	
1- Method of giving lectures 2- Class discussion (group dialogue method - symposium method - discussion circle / Sumner) 3- Educational units	
Evaluation methods	

1- The way of facial expression 2- Feedback from students
C- Emotional and value goals. 1- Developing an admiring view of the issue of human rights 2- Enhancing the sense of responsibility among the individual in particular 3- and society in general towards human rights issues.
Teaching and learning methods 1- Class discussion 2- Cognitive conflict 3- Thinking beyond thinking
Evaluation methods
1- The way of expression in the face 2- Feedback from students 3- Oral exam Written test
D- General and qualifying transferable skills (other skills related to employability and personal development). Verbal communication: The student must be able to express ideas clearly and confidently in speech.

Vocabulary week	Vocabulary week
The first week	The roots of human rights in human history include: 1. Human rights in ancient civilizations (Mesopotamia civilization - other ancient civilizations). 2. Human rights in the middle Ages.
second week	Human rights in Islamic laws (Judaism - Christianity - Islam)
the third week	Human rights in the modern era and contemporary recognition of human rights
fourth week	Contents of human rights 1- Rights in international conventions (League of Nations, United Nations), regional and national legislation.
The fifth week	1- Terrorism (its causes, confronting terrorism) 2- Corruption (its definition, concepts, causes, methods of combating and treating it, types, political corruption, administrative and financial corruption)

The sixth and seventh weeks	Forms and generations of human rights (individual and social rights) The first generation (the generation of civil and political rights) The second generation (economic, social and cultural) The third generation (the generation of new rights) and women's rights
The eighth week	Human rights guarantees and protection at the national, regional and international levels
The ninth and tenth weeks	Common general characteristics of non-governmental organizations (the International Committee of the Red Cross, the International Committee for Relief to the Wounded, Amnesty International, Human Rights Watch, the Organization of the Islamic Conference, the Organization of African Unity, the Red Crescent, etc).
The twelfth and thirteenth week	Ancient and modern democracy and the concept of political and cultural legitimacy
The fourteenth and fifteenth weeks	Types of democracy (1-Direct 2-Indirect (representative) 3-Semi-direct and principles of democracy)
The sixteenth, seventeenth and eighteenth weeks	The development of democratic values in the Middle Ages and waves of democracy in the twentieth century
The nineteenth, twenty-first and twenty-first weeks	The basic components of the democratic system, characteristics of the democratic system, features of the democratic system, pillars of the democratic system and its conditions
The twenty-second and twenty-third week until the end of semester 2	Principles governing majority rule (principles of separation of powers, the concept of the rule of law, the concept of transfer of power, the concept of decentralization).
References that the student can refer to	1- Human rights, their development, concepts, and protection, Prof. Dr. Riad Aziz Hadi

نموذج وصف المقرر

Educational psychology	١. Course name
	2. Course code:
annual	3.Semester/Year:
2023-2024	4.Date this description was prepared:
Lectures are delivered to students in person according to the schedule announced in the department	5.Available attendance forms
hours ٦٠ (2 hours per week * 30 weeks)	6.Number of study hours (total)/number of units (total)
Name: M.M. Haneen Hadi Qasim **haninhadiqasim01@gmail.com**	7.Name of the course administrator (if more than one name is mentioned

1. Course objectives

1-The concept of psychology, its nature and importance 2- The goals of psychology and its study 3- Behavior and influencing factors 4- Research methods in psychology 5- Motives, emotions, trends and their types 6-Attention, sensory perception and the factors affecting them 7.Remembering, forgetting, thinking, creativity, intelligence, and mental abilities	Objectives of the study subject

1. Teaching and learning strategies

1. In-person lectures in classrooms. **2. Discussion method, surprise exams, and methods of refining skills.**	The strategy

3 Asking intellectual questions or holding a competition between students, stimulating creative thinking and answering clearly and quickly to the problems presented.	

Course structure .١ .١

week	Learning method	Name of the unit or topic	Required learning outcomes	hours	Evaluation method
٥	In-person lectures	Introduction to psychology and educational psychology, the importance of its goals and development...	The student is able to understand the given material	10hours	Quarterly and daily attendance exams
5	In-person lectures	Learning and teaching, motivation...	The student is able to understand the given material	10hours	Quarterly and daily attendance exams
5	In-person lectures	Individual differences, attention, and perception	The student is able to understand the given material	10hours	Quarterly and daily attendance exams
5	In-person lectures	Memory, forgetting	The student is able to understand the given material	10hours	Quarterly and daily attendance exams
5	In-person lectures	Feedback, transfer of learning effects, classroom interaction	The student is able to understand the given material	10hours	Quarterly and daily attendance exams
5	In-person lectures	Learning theories (relational theories), concept learning	The student is able to understand the given material	10hours	Quarterly and daily attendance exams

.٢Course evaluation

* **Semi-daily and monthly tests** **And surprise exams.** **Daily class participation**	
Learning and teaching resources .١ .٢	
Fundamentals of educational psychology, Mohieddin Tawfiq, and Abdel Rahman Adas. Educational Psychology, Abdul Majeed Nashwati. Educational psychology, Saleh Abu Jado. Principles of educational psychology, Imad Al-Zaghoul General psychology. Jamal Al-Alusi.	Required textbooks (methodology, if any)
	Main references (sources)
	Recommended supporting books and references (scientific journals).
	Electronic references, Internet sites