MODULE DESCRIPTOR FORM

نموذج وصف المادة الدراسية

Module Information معلومات المادة الدراسية					
Module Title	COMPUTER APPLICATION			**Module Delivery**	
Module Type	***BASIC***			☒ **Theory** ☐ **Lecture** ☐ **Lab** ☐ **Tutorial** ☐ **Practical** ☐ **Seminar**	
Module Code	**UOMU**000005				
ECTS Credits	3				
SWL (hr/sem)	75				
Module Level		**UGII**	**Semester of Delivery**		4
Administering Department		Building and construction techniques	**College**		Al-Mustaqbal university
Module Leader	Assist. lec mohammed jawad khadim		**e-mail**		Mohammed.jawad.khadim@uomus.edu.iq
Module Leader's Acad. Title		***Senior Chief Engineer***	**Module Leader's Qualification**		***None***
Module Tutor	***None***		**e-mail**	***None***	
Peer Reviewer Name			**e-mail**		
Review Committee Approval		01/10/2025	**Version Number**		1.0

Relation With Other Modules العلاقة مع المواد الدراسية الأخرى			
Prerequisite module	Computer principles	**Semester**	L1 s2
Co-requisites module	None	**Semester**	
Module Aims, Learning Outcomes and Indicative Contents أهداف المادة الدراسية ونتائج التعلم والمحتويات الإرشادية			
Module Aims أهداف المادة الدراسية	Students successfully completing this course will be able to: 1. Utilize the computer for fundamental tasks. 2. Identify and discuss the hardware components of the computer system. 3. Creating documents using a word processor and creating presentations. 4. Conducting research on the Internet. 5. An introduction to Artificial Intelligence.		
Module Learning Outcomes مخرجات التعلم للمادة الدراسية	upon completion of this course the students will:		
Indicative Contents المحتويات الإرشادية	Indicative content includes the following.		
Learning and Teaching Strategies استراتيجيات التعلم والتعليم			

Strategies	Assessment is based on 1- Quizzes 2- Student feedback. 3- Seminars.

Student Workload (SWL) الحمل الدراسي للطالب			
Structured SWL (h/sem) الحمل الدراسي المنتظم للطالب خلال الفصل	48	**Structured SWL (h/w)** الحمل الدراسي المنتظم للطالب أسبوعيا	3.2
Unstructured SWL (h/sem) الحمل الدراسي غير المنتظم للطالب خلال الفصل	27	**Unstructured SWL (h/w)** الحمل الدراسي غير المنتظم للطالب أسبوعيا	1.8
Total SWL (h/sem) الحمل الدراسي الكلي للطالب خلال الفصل	75		

Module Evaluation
تقييم المادة الدراسية

		Time/Number	Weight (Marks)	Week Due	Relevant Learning Outcome
Formative assessment	**Quizzes**	2	10% (10)	5, 10	LO #1, 2, 10 and 11
	Assignments	2	10% (10)	2, 12	LO # 3, 4, 6 and 7
	Tutorial	1	10% (10)	10	
	Report	1	10% (10)	13	LO # 5, 8 and 10
Summative assessment	**Midterm Exam**	2 hr	10% (10)	7	LO # 1-7
	Final Exam	3 hr	50% (50)	16	All
Total assessment			100% (100 Marks)		

Delivery Plan (Weekly Syllabus)
المنهاج الاسبوعي النظري

	Material Covered

Week	Syllabus
1	**Security and Networking** : what is a Network ? types of Networks basic Network components
2	**Security and Networking** (cont.): Network security basics understanding Network threats.
3	**e-commerce** : concepts of electronic banking services this include online banking ATM and debit card services phone banking SMS banking Electric mobile banking.
4	**Computer Troubleshooting** : identifying and solving come on Hardware and software problem that computer users encounter.
5	**Computer Troubleshooting** (Cont.): basic troubleshooting Technic use and tools or diagnostic and resolving issues
6	**introduction to AI : definition of AI history of AI , AI Techniques and approaches.**
7	**introduction to AI (cont.) :** key card characteristics of AI benefits of AI challenge and ethical considerations
8	**THE RULE of AI in modern smartphones:** AI is driven mobile technologies virtual assistant Siri Google Assistant Alexa
9	**THE RULE of AI in modern smartphones:** adaptive learning real time translation services.
10	**Applications and tools of AI** :overview of AI applications and various Industries education and Healthcare
11	**Applications and tools of AI** (Cont.)transportation marketing and advertising
12	Short columns **Applications and tools of AI** (Cont.): Finance robotics and automation Technologies
13	**AI and Society** : how AI affects social ,AI and International relations, AI and the future of humanity
14	**Ethical challenges in AI** : AI ethics privacy and surveillance the inbox of AI

	on the job market
15	**Final exam**

Learning and Teaching Resources مصادر التعلم والتدريس		
	Text	**Available in the Library?**
Required Texts	1- Graham Brown ,David Watson, " Cambridge IGCSE information and communication technology" 3rd Edition (2020). 1- Alan evans, Kendall Martin , Mary Anne Poatsy,"Technology in action complete ", 16th Edition 2020. 2- Ahmed Banafa, "introduction to artificial intelligence (AI)", first edition 2024. 3- Microsoft Office 2019 step by step 1st edition by Curtis frye & John Lambert. 4- ض الخ ل ي ع ض الخ"الحاسوب اساسيات 2016 بحاث" 5- الدكتور "ع ي الاصطنا الذكاء عالم الى مدخل " 2005 النور عبد عادل	Yes
Recommended Texts	"Reinforced concrete design" by Chu-Kia Wand and Charles G. Salmon.	No
Websites		

APPENDIX:

GRADING SCHEME مخطط الدرجات				
Group	**Grade**	التقدير	**Marks (%)**	**Definition**
Success Group (50 - 100)	**A** - Excellent	امتياز	90 – 100	Outstanding Performance
	B - Very Good	جيد جدا	80 – 89	Above average with some errors
	C - Good	جيد	70 – 79	Sound work with notable errors
	D - Satisfactory	متوسط	60 – 69	Fair but with major shortcomings
	E - Sufficient	مقبول	50 – 59	Work meets minimum criteria

Fail Group (0 – 49)	**FX** – Fail	مقبول بقرار	(45-49)	More work required but credit awarded
	F – Fail	راسب	(0-44)	Considerable amount of work required

Note:

Marks Decimal places above or below 0.5 will be rounded to the higher or lower full mark (for example a mark of 54.5 will be rounded to 55, whereas a mark of 54.4 will be rounded to 54. The University
has a policy NOT to condone "near-pass fails" so the only adjustment to marks awarded by the original marker(s) will be the automatic rounding outlined above.

ملاحظة: هذا النموذج تم وضعه وتقديمه من قبل مديرية ضمان الجودة في وزارة التعليم العالي والبحث العلمي