MODULE DESCRIPTION FORM

نموذج وصف المادة الدراسية

Module Information معلومات المادة الدراسية					
Module Title	**Computer**			**Module Delivery**	
Module Type	**Basic**			☒**Theory** ☐ **Lecture** ☒ **Lab** ☐**Tutorial** ☐**Practical** ☐**Seminar**	
Module Code	**UOMU000005**				
ECTS Credits	**3**				
SWL (hr/sem)	**75**				
Module Level		UGII	**Semester of Delivery**		2
Administering Department			**College**		
Module Leader	Dr. Noor Abdalkarem Mohammedali		**e-mail**	noor.abdulkareem@uomus.edu.iq	
Module Leader's Acad. Title		Lecturer	**Module Leader's Qualification**		PhD
Module Tutor	Name (if available)		**e-mail**	E-mail	
Peer Reviewer Name		Nasir Hussein Selman	**e-mail**	Coj.nas@atu.edu.iq	
Scientific Committee Approval Date		02/1/2026	**Version Number**		1.0

Relation with other Modules العلاقة مع المواد الدراسية الأخرى			
Prerequisite module	None	**Semester**	
Co-requisites module	None	**Semester**	

Module Aims, Learning Outcomes and Indicative Contents أهداف المادة الدراسية ونتائج التعلم والمحتويات الإرشادية	
Module Objectives أهداف المادة الدراسية	1. Training students on the basics of using the computer and providing them with the necessary skills to deal with the computer with high efficiency. 2. Assisting the student to give experience in security and networking and computer troubleshooting. 3. Enriching the student's skills in AI 4. to be able to deal with the computer with high efficiency.
Module Learning Outcomes مخرجات التعلم للمادة الدراسية	1. Enable to learn network security. 2. Enable to learning AI 3. Define the effect of AI on the job market
Indicative Contents المحتويات الإرشادية	- Security and networking - Troubleshooting Process. - Introduction to AI - AI and society

Learning and Teaching Strategies استراتيجيات التعلم والتعليم	
Strategies	Type something like: The main strategy that will be adopted in delivering this module is to encourage students' participation in the exercises, while at the same time refining and expanding their critical thinking skills. This will be achieved through classes, interactive tutorials and by considering types of simple experiments involving some sampling activities that are interesting to the students.

Student Workload (SWL) الحمل الدراسي للطالب محسوب لـ ١٥ اسبوعا			
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 and 10	LO #1, #2 and #10, #11
	Assignments	2	10% (10)	2 and 12	LO #3, #4 and #6, #7
	Projects / Lab.	1	10% (10)	Continuous	All
	Report	1	10% (10)	13	LO #5, #8 and #10
Summative assessment	**Midterm Exam**	2hr	10% (10)	7	LO #1 - #7
	Final Exam	3hr	50% (50)	16	All
Total assessment			100% (100 Marks)		

Delivery Plan (Weekly Syllabus) المنهاج الاسبوعي النظري (المفردات تم تعميمها حسب كتاب الوزارة ذي العدد ت م 3/ 11009 بتاريخ 9/ 10/ 2024)	
	Material Covered
Week 1	**Security and Networking:** What is a network, types of networks, basic network components, network security basics, understanding network threats, and network troubleshooting.
Week 2	**E-Commerce:** Concepts of Electronic banking services this include online banking: ATM and debit card services, Phone banking, SMS banking, electronic alert, Mobile banking
Week 3&4	**Computer Troubleshooting:** Identifying and solving common hardware and software problems that computer users encounter. Basic troubleshooting techniques and tools for diagnosing and resolving issues.
Week 5&6	**Introduction to AI:** Definition of AI, History of AI, AI Techniques and Approaches, Challenges and Ethical Considerations.
Week 7&8	**AI in Our Daily Lives:** AI in smartphones and virtual assistants like Siri or Google Assistant.
Week 9	**Mid term exam**
Week 10-12	**Applications of AI:** Education, Healthcare, Finance, Transportation, Marketing and Advertising.
Week 13	**AI and Society:** (How AI affects society, AI and international relations, AI and the future of humanity.)
Week 14	**Ethical Challenges in AI:** (AI ethics, privacy and surveillance, the impact of AI on the job market.)
Week 15	**The Future of AI:** (Future trends in AI, recent research and emerging technologies.)
Week 16	**Final Exam**

Delivery Plan (Weekly Lab. Syllabus) المنهاج الاسبوعي للمختبر	
	Material Covered

Week 1-15	

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 2- Ahmed Banafa, “introduction to artificial intelligence (AI)”, first edition 2024.	no
Recommended Texts	1- Alan Evans, Kendall Martin, Mary Anne Poatsy, “Technology In Action Complete”, 16th Edition (2020).	No
Websites		

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	راسب (قيد المعالجة)	(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.