	Ministry of Higher Education and Scientific Research - Iraq University of Warith Al-Anbiyaa College of Advanced Technologies Department of Digital Health Technologies	

MODULE DESCRIPTION FORM

نموذج وصف المادة الدراسية

Module Information معلومات المادة الدراسية					
Module Title	Computer 1			**Module Delivery**	
Module Type	B			☒Theory ☐ Lecture ☒ Lab ☐ Tutorial ☒ Practical ☒ Seminar	
Module Code	UOW1003				
ECTS Credits	6				
SWL (hr/sem)	180				
Module Level	1		**Semester of Delivery**	1	
Administering Department	ENG – DHT		**College**	DHT	
Module Leader	Ali Abed Hussein Azeea		**e-mail**	a.u.h.altalby2018@gmil.com	
Module Leader's Acad. Title	teacher		**Module Leader's Qualification**	Ph.D.	
Module Tutor			**e-mail**		
Peer Reviewer Name	Ali Abed Hussein Azeez		**e-mail**	a.u.h.altalby2018@gmil.com	
Scientific Committee Approval Date	22/6/2026		**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 Aims أهداف المادة الدراسية	1. Developing a solid understanding of fundamental digital principles: This program aims to impart a grasp of basic computer concepts and the historical stages of computer development, including its components such as input, output, and processing devices. This provides a solid foundation for further studies in the field of computer science and technological development. 2. Acquiring practical skills in computer use and implementation: This program aims to develop practical skills in using operating systems and essential computer applications. 3. Enhancing problem-solving and analytical thinking skills: This program aims to cultivate problem-solving skills by analyzing and simplifying issues that arise between the user and the computer, and between the computer and various output devices. 4. Promoting teamwork and collaboration: This program aims to encourage collaboration through group projects, practical exercises, and discussions, thereby enhancing teamwork skills and the ability to work effectively in a digital design environment. 5. Fostering critical thinking and knowledge application: The goal is to encourage critical thinking by applying theoretical knowledge to real-world scenarios, such as using various applications for the benefit of businesses, e-government, and scientific research.
Module Learning Outcomes مخرجات التعلم للمادة الدراسية	1. Demonstrate a comprehensive understanding of computer principles: Students will gain a comprehensive understanding of computer concepts, components, and how to work with applications, input, processing, and output devices. They will be able to apply this knowledge to solve problems and obtain the desired results. 2. Apply theoretical knowledge to computer operating systems and applications: Students will be able to use their understanding of computer application principles to perform tasks and test results using appropriate

	applications, such as office applications and computer networking applications. 3. Analyze and simplify complex computer problems: Students will develop the ability to analyze complex problems using knowledge of computer storage capacity and processing speed to ensure efficient operation. 4. Collaborate effectively in group projects: Students will demonstrate effective teamwork skills through active participation in group projects, practical exercises, and discussions. They will be able to work collaboratively, contribute their ideas, and communicate effectively with their team members. 5. Apply critical thinking to address the challenges of computer and network development: Students will develop critical thinking skills by applying their knowledge of computer principles to solve problems related to computer communications and networks. They will be able to evaluate different approaches, choose appropriate methods, and devise effective solutions.
Indicative Contents المحتويات الإرشادية	- Interactive Tutorials - Hands-On Practice - Programming Exercises - Case Studies

Learning and Teaching Strategies استراتيجيات التعلم والتعليم	
Strategies	Two main strategies will be employed in delivering this unit: encouraging student participation in exercises while simultaneously developing and expanding their critical thinking skills. This will be achieved through lectures, interactive lessons, and simple experiments that incorporate engaging, hands-on activities for students. • Lectures: Traditional lectures are used in classrooms to present computer-related concepts, principles, and theories. Professors or instructors explain complex ideas, provide examples, and engage students in discussions to enhance understanding. • Practical Experiments: Practical sessions are an integral part of computer science education. Students participate in hands-on experiments, using equipment, devices, and software to apply theoretical knowledge, analyze data, and acquire practical skills. This helps them understand the practical aspects of computers and reinforces theoretical concepts.

Student Workload (SWL) الحمل الدراسي للطالب			
Structured SWL (h/sem) الحمل الدراسي المنتظم للطالب خلال الفصل	74	**Structured SWL (h/w)** الحمل الدراسي المنتظم للطالب أسبوعيا	5
Unstructured SWL (h/sem) الحمل الدراسي غير المنتظم للطالب خلال الفصل	106	**Unstructured SWL (h/w)** الحمل الدراسي غير المنتظم للطالب أسبوعيا	7
Total SWL (h/sem) الحمل الدراسي الكلي للطالب خلال الفصل	180		

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, 8, and 9
	Assignments	2	10 % (10)	2,12	LO # 3,4,6,and 7
	Lab.	1	10 % (10)	continuous	All
	Report	1	10 % (10)	14	LO # 1-14
Summative assessment	**Midterm Exam**	2 hr.	10 % (10)	7	LO # 1-7
	Final Exam	2 hr.	50% (50)	15	All
Total assessment			100% (100 Marks)		

Delivery Plan (Weekly Syllabus)
المنهاج الاسبوعي النظري

	Material Covered
Week 1	Introduction to Computers, Generation of Computers
Week 2	Characteristics of computers
Week 3	Classification of computers
Week 4	Components of Computers
Week 5	Concepts of hardware and software with their components
Week 6	Computer Components: Memory types, basic CPU components, computer ports.
Week 7	Input and output devices

Week 8	personal computer (features and types).
Week 9	Operating System basics of common operating systems,
Week 10	Primary and Secondary Memory
Week 11	Introduction to Internet and Web Browsers
Week 12	Computer network ,Network Topologies
Week 13	Communication and Emails ,Basics of electronic mail, getting an email account, sending and receiving emails
Week 14	Artificial Intelligence
Week 15	Final exam

Delivery Plan (Weekly Lab. Syllabus)

المنهاج الاسبوعي للمختبر

	Material Covered
Week 1	Introduction of Windows 11
Week 2	Desktop components
Week 3	Taskbar components
Week 4	Start Menu components
Week 5	Maximize, Minimize, and Close Windows
Week 6	The control panel components
Week 7	Folders, Files and Drives
Week 8	Learn how to create, save, edit text files spreadsheet files.
Week 9	Copy Paste or Cut Paste File or Folder
Week 10	Restart and Shut down computer
Week 11	Learning the use of basic windows office applications
Week 12	Learning the word application
Week 13	Learn the Exile application
Week 14	Learn the PowerPoint application
Week 15	Final Exam

Learning and Teaching Resources
مصادر التعلم والتدريس

	Text	Available in the Library?
Required Texts	1- Graham Brown, David Waston, "Cambridge IGCSE Information and Communication Technology", 3rd Edition (2020). 2- Alan Evans, Kendall Martin, Mary Anne Poasty, "Technology in Action Complete", 16th Edition (2020).	yes

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.

رئيس القسم

Dr. Ruaa Majeed Dawood

التاريخ :

استاذ المادة:

Dr. Ali Abed Hussein Azeea

التاريخ: 2026/6/22