

MODULE DESCRIPTION FORM

Module Information			
Module Title	Computer Science		Module Delivery
Module Type	Support		- Theoretical - Practical
Module Code	Med104		
ECTS Credits	3		
SWL (hr/sem)	59		
Module Level	1	Semester of Delivery	1
Administering Department	Medicine	College	Medicine
Module Leader	Mohammed Baqir Salam Hashim	e-mail	mohammed.bo@uowa.edu.iq
Module Leader's Acad. Title	Mr.	Module Leader's Qualification	MS. C.
Scientific Committee Approval Date	2026-4-1	Version Number	V 1.0



Approval of the Dean of the College

Relation with other Modules			
Prerequisite module	No	Semester	/
Co-requisites module	No	Semester	/

Module Aims, Learning Outcomes and Indicative Contents	
Subject objective	<p>This course aims at:</p> <ul style="list-style-type: none"> • Introducing the student to the core specialization in Computer Science focusing on computer hardware and basic software • It includes a basic scientific introduction to computer systems, including Windows..... <p>Practical applications of office software.....</p>
Subject learning outcomes	<p>The student would be able to:</p> <ol style="list-style-type: none"> 1- Use window operation system user interface. 2- Gain a thorough understanding of the Windows operating system, its features, and functionality. 3- Develop the ability to navigate and manage the Windows interface, MS word, MS excel, and PowerPoint efficiently. 4- Acquire skills in configuring system settings, managing files and folders, and using built-in tools and utilities. 5- Learn to create and format documents, spreadsheets, presentations, and emails effectively.

Learning and Teaching Strategies	
Strategies	<ol style="list-style-type: none"> 1. Interactive Learning 2. Problem-Based Learning 3. Practical Learning (Hands-on Learning) 4. Collaborative Learning 5. Blended Learning

Student Workload (SWL)			
Scheduled hours (hr./Sem.)	28	Scheduled hours (hr./week)	4
Unscheduled hours (hr./ Sem.)	28	Unscheduled hours (hr./week)	1
Total (hr./ Sem.)	56 + 3 final = 59		

Module Evaluation					
		Time/Number	Weight (Marks)	Week Due	Relevant Learning Outcome
Formative assessment	Quizzes	1	10% (10)	4.7	1,2,3
	Online Assigs.	1	10% (10)	10	3,4
	Onsite Assigs.	2	10% (5)	7,14	1 – 8

	Reports	1	10% (10)	9	4,5,6
Summative assessment	Madd exam	2 hr.	10	8	6,7,8
	Final exam	3 hrs.	50	16	All
Total assessment			100 (Marks)		

Delivery Plan (Weekly Syllabus)

	Material Covered
Week 1	1. History of Computers – 1 hour
Week 2	2. Introduction to Hardware – 5 hours
Week 3	3. Introduction to Software – 5 hours
Week 4	4. Algorithms and Flowcharts – 2 hours
Week 5	5. Basics of the Internet – 2 hours
Week 6	6. Fundamentals of Operating Systems – 4 hours
Week 7	7. Introduction to Windows – 7 hours
Week 8	8. Introduction to PowerPoint – 3 hours

Educational and teaching resources

Essential/Required Books	Text	Available in the library?
	<ol style="list-style-type: none"> 1. Books ECHNOL vid Watson, IGCSE and Communication 2. 7. Graham Brown, David Watson, "Cambridge IGCSE Information and Communication Technology", 3rd Edition (2020) N 3. 8. Alan Evans, Kendall Martin, Mary Anne Poatsy, "Technology In Action Complete", 16th Edition (2020). 4. 9. Ahmed Banafa, "Introduction to Artificial Intelligence (AI)", 1st Edition (2024). 5. 10. Microsoft Office 2019 Step by Step 1st Edition by Curtis Frye & Joan Lambert 	No

	<p>6. الخضر علي الخضر بحاث، "أساسيات الحاسوب"</p> <p>11.2016</p>	
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Websites		

Grading Scheme				
Group	Grade	التقدير	Marks %	Definition
Success Group (50 - 100)	A - Excellent	امتياز	90 - 100	Outstanding Performance
	B - Very Good	جد 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 (قد 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.