

MODULE DESCRIPTION FORM

نموذج وصف المادة الدراسية

Module Information				
معلومات المادة الدراسية				
Module Title	Fundamentals of Computer Science		Module Delivery	
Module Type	Supportive		☒ Theory ☐ Lecture ☒ Lab ☐ Tutorial ☐ Practical ☐ Seminar	
Module Code	BUOG125			
ECTS Credits	3			
SWL (hr/sem)	75			
Module Level	1	Semester of Delivery		2
Administering Department	Oil and Gas Management and Marketing		College	Shatt al-Arab University, College of Administration and Economics
Module Leader	Mahmoud hussein		e-mail	mahmoud.hussein.mahmoud@sa-uc.edu.iq
Module Leader's Acad. Title	Assistant Lecturer		Module Leader's Qualification	M.Sc.
Module Tutor	Anees Basil Abdulkareem		e-mail	anees.basil@sa-uc.edu.iq
Peer Reviewer Name	Lecturer Dr. Rafid Abduljaleel		e-mail	rafid.abduljalil@sa-uc.edu.iq
Scientific Committee Approval Date	2024/9/1		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. To enable the student to acquire the ability to use the computer. 2. To teach the student all computer tools and their uses. 3. To help the student learn the fundamentals of computer science.
Module Learning Outcomes مخرجات التعلم للمادة الدراسية	1. To enable the student to learn the basics of computers. 2. To help the student recognize the components of a computer. 3. To teach the student the difference between bits and bytes. 4. To introduce the student to programming languages. 5. To familiarize the student with how a computer works. 6. To make the student aware of the importance of computer security. 7. To enable the student to create files. 8. To enable the student to perform storage and retrieval operations. 9. To teach the student how to use the Windows operating system. 10. To introduce the student to computer applications. 11. To familiarize the student with the use of computer applications in business.
Indicative Contents المحتويات الإرشادية	

Learning and Teaching Strategies	
استراتيجيات التعلم والتعليم	
Strategies	The primary strategy to be adopted in this curriculum is to encourage students to actively participate in performing activities and tasks while motivating them to develop critical thinking skills. This will be achieved through lectures, interactive activities, presentations, and more.

Student Workload (SWL)			
الحمل الدراسي للطلاب محسوب لـ ١٥ اسبوعا			
Structured SWL (h/sem) الحمل الدراسي المنتظم للطلاب خلال الفصل	48	Structured SWL (h/w) الحمل الدراسي المنتظم للطلاب أسبوعيا	3.2
Unstructured SWL (h/sem) الحمل الدراسي غير المنتظم للطلاب خلال الفصل	27	Unstructured SWL (h/w) الحمل الدراسي غير المنتظم للطلاب أسبوعيا	1.8
Total SWL (h/sem) الحمل الدراسي الكلي للطلاب خلال الفصل	75		

Module Evaluation تقييم المادة الدراسية					
		Time/Number	Weight (Marks)	Week Due	Relevant Learning Outcome
Formative assessment	Quizzes	1	10% (10)	3	LO #3
	Assignments	2	10% (10)	1 and 2	LO #1 and LO #2
	Projects / Lab.	1	10% (10)	Continuous	All
	Seminar	1	10% (10)	Continuous	All
Summative assessment	Midterm Exam	2hr	10% (10)	7	LO #1 - #6
	Final Exam	3hr	50% (50)	16	All
Total assessment			100% (100 Marks)		

Delivery Plan (Weekly Syllabus) المنهاج الاسبوعي النظري	
	Material Covered
Week 1	Computer fundamentals
Week 2	Computer components
Week 3	Bits and Bytes
Week 4	Programming languages
Week 5	Programming languages in business
Week 6	How computers function
Week 7	Midterm exam
Week 8	Computer security
Week 9	Windows 10
Week 10	Windows 10
Week 11	Windows 10
Week 12	Creating files
Week 13	Storage and recovery
Week 14	Computer applications
Week 15	Computer applications in management

Delivery Plan (Weekly Lab. Syllabus) المنهاج الاسبوعي للمختبر	
	Material Covered
Week 1	Computer fundamentals
Week 2	Computer components
Week 3	Bits and Bytes
Week 4	Programming languages
Week 5	Windows 10
Week 6	Creating files
Week 7	Storage and recovery

Learning and Teaching Resources

مصادر التعلم والتدريس

	Text	Available in the Library?
Required Texts	ملزمة اساسيات علم الحاسوب	Yes
Recommended Texts	تطبيقات الحاسوب في إدارة الاعمال – الدكتور وليد صالح اساسيات الحاسوب – الدكتور طارق الناصوري	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.

رئيس القسم
م.د. رافع عبد الجليل حسن

مدرس المادة
م.م. محمود حسين محمود

**Director of the Quality Assurance and Performance Department of
the University: Wafa Saeed Hassan**

مسؤولة وحدة الجودة كلية
الإدارة والاقتصاد
م.م. وفاء سعيد حسن

