

MODULE DESCRIPTION FORM

نموذج وصف المادة الدراسية

Module Information معلومات المادة الدراسية			
Module Title	Information System Analysis and Design		Module Delivery
Module Type	Core		<ul style="list-style-type: none"><input checked="" type="checkbox"/> Theory<input checked="" type="checkbox"/> Lecture<input type="checkbox"/> Lab<input checked="" type="checkbox"/> Tutorial<input type="checkbox"/> Practical<input checked="" type="checkbox"/> Seminar
Module Code	Elective		
ECTS Credits	3		
SWL (hr/sem)	48		
Module Level		Semester of Delivery	
Administering Department	ICE	College	KHW
Module Leader	Omar adil	e-mail	Omar.a@kecbu.uobaghdad.edu.iq
Module Leader's Acad. Title	Lect.	Module Leader's Qualification	Msc.
Module Tutor	Nil	e-mail	Nil
Peer Reviewer Name		e-mail	Nil
Scientific Committee Approval Date	/06/2023	Version Number	1.0

Relation with other Modules العلاقة مع المواد الدراسية الأخرى			
Prerequisite module	Software engennering, operating system, programing languages, Data base.	Semester	2 nd , 3 rd , 4 th , 5 th
Co-requisites module	Nil	Semester	

Module Aims, Learning Outcomes and Indicative Contents أهداف المادة الدراسية ونتائج التعلم والمحتويات الإرشادية	
Module Objectives أهداف المادة الدراسية	The objectives of this book are to present the basic principles, characteristics, and applications of commonly used in operating systems and application to explain the techniques for analyzing and designing information systems .
Module Learning Outcomes مخرجات التعلم للمادة الدراسية	<p>Important: Write at least 6 Learning Outcomes, better to be equal to the number of study weeks.</p> <ol style="list-style-type: none"> 1. Understanding the advantages and disadvantages of information systems 2. Knowledge the basics of information systems. 3. Analysis the heart of system development process . 4. Understand the information system applications . 5. knowledge about different information system components.
Indicative Contents المحتويات الإرشادية	<p>Indicative content includes the following.</p> <ul style="list-style-type: none"> • Rebuilding system [18 Hrs]. • Review different application [15 Hrs]. • Testing and implantation [12Hrs].

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 information system 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	5
Unstructured SWL (h/sem) الحمل الدراسي غير المنتظم للطالب خلال الفصل	42	Unstructured SWL (h/w) الحمل الدراسي غير المنتظم للطالب أسبوعيا	3

Total SWL (h/sem) الحمل الدراسي الكلي للطلاب خلال الفصل	90
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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	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	
	Material Covered
Week 1	Information System Analysis Concepts
Week 2	the idea of Data and information
Week 3	what is the Information system and IT
Week 4	introduction to system analysis and design
Week 5	The Information system building blocks
Week 6	System Development Life Cycle (SDLC)
Week 7	The Project Phases
Week 8	SDLC concept (planning, Analysis, Design, Implementation)
Week 9	What is a methodology
Week 10	Structured Design Development
Week 11	Rapid application Development (RAD)
Week 12	System Design Architecture
Week 13	Computing Architectures
Week 14	Design Infrastructure
Week 15	Communication Infrastructure
Week 16	Programming Design and Structure Charts

Delivery Plan (Weekly Lab. Syllabus) المنهاج الاسبوعي للمختبر
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	Material Covered
Week 1	
Week 2	
Week 3	
Week 4	
Week 5	
Week 6	
Week 7	

Learning and Teaching Resources مصادر التعلم والتدريس		
	Text	Available in the Library?
Required Texts	Essentials of Systems Analysis and Design, by Joseph S. Valacich (2014)	No
Recommended Texts	System analysis and design 9th Edition, By Alan Dennis and Barbara Haley Wixom. (2010)	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.