	Ministry of Higher Education and Scientific Research - Iraq University of Technology Department of Computer Sciences Information System Branch	

MODULE DESCRIPTOR FORM
نموذج وصف المادة الدراسية

Module Information معلومات المادة الدراسية				
Module Title	INFORMATION TECHNOLOGY		**Module Delivery**	
Module Type	CORE		**Theory** **Lecture** **Lab** **Tutorial** **Practical** **Seminar**	
Module Code	INTE125			
ECTS Credits	4			
SWL (hr/sem)	100			
Module Level	1	**Semester of Delivery**	1	
Administering Department	Type Dept. Code	**College**	Type College Code	
Module Leader	Ahmed Abdulzhra Shkara	**e-mail**	Ahmed	
Module Leader's Acad. Title	Lecturer	**Module Leader's Qualification**	MSc.	
Module Tutor	None	**e-mail**	None	
Peer Reviewer Name		**e-mail**		
Review Committee Approval		**Version Number**		

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. ubiquitous and seamless access to the network; 2. migration of all materials on-line; 3. data-driven interoperation between all systems, whoever provides them; 4. good design and functional suitability for every user, simplicity of access, ease of use and security 5. Value for money 6. Increased "self-service" both for students (in terms of on-line learning) and researchers (in terms of grant & personnel management).
Module Learning Outcomes مخرجات التعلم للمادة الدراسية	1. to move towards a paperless, online information environment for all staff and students; 2. to provide easy access to information and facilities whenever and wherever needed including unified network access (e.g. wireless) throughout the Collegiate University; 3. to provide more coordinated information though shared IT systems where possible, and ensuring that all IT systems (local and University-wide) provide standardized interfaces allowing the exchange of information; 4. to improve the communication and collaboration tools available within the Collegiate University; 5. to improve support for alumni ensuring that mass communications are managed in a segmented and yet coordinated fashion
Indicative Contents المحتويات الإرشادية	
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 type of simple experiments involving some sampling activities that are interesting to the students.

Student Workload (SWL) الحمل الدراسي للطالب			
Structured SWL (h/sem) الحمل الدراسي المنتظم للطالب خلال الفصل	63	**Structured SWL (h/w)** الحمل الدراسي المنتظم للطالب أسبوعيا	4
Unstructured SWL (h/sem) الحمل الدراسي غير المنتظم للطالب خلال الفصل	37	**Unstructured SWL (h/w)** الحمل الدراسي غير المنتظم للطالب أسبوعيا	
Total SWL (h/sem) الحمل الدراسي الكلي للطالب خلال الفصل	100		

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, 10 and 11
	Assignments	2	10% (10)	2, 12	LO # 3, 4, 6 and 7
	Projects / Lab.				
	Report	1	10% (10)	13	LO # 5, 8 and 10
Summative assessment	**Midterm Exam**	2 hr	10% (10)	7	LO # 1-7
	Final Exam	2hr	50% (50)	16	All
Total assessment			100% (100 Marks)		

Delivery Plan (Weekly Syllabus)
المنهاج الاسبوعي النظري

	Material Covered
Week 1	➢ Hardware and Mobile Devices • Anatomy of a Computer ,Processor , Memory
Week 2	• Secondary Data Storage Devices • Enterprise Storage Options
Week 3	• Input and Output Devices • Output Devices
Week 4	• Computer System Types • Portable Computers
Week 5	• Thin Clients, Desktops, and Workstations • Servers, Mainframes, and Supercomputers
Week 6	• Server Farms, Data Centers, and Green Computing • Green Computing
Week 7	• CASE ONE: ARM

	CASE TWO: Vivobarefoot Upgrades Technology Infrastructure
Week 8	➢ Software and Mobile Applications • An Overview of Software
Week 9	• Software Sphere of Influence • Systems Software
Week 10	• Operating Systems • Utility Programs
Week 11	• Middleware • Application Software
Week 12	• Overview of Application Software • Personal Application Software
Week 13	➢ Workgroup Application Software ➢ Enterprise Application Software ➢ Application Software for Transaction Processing, Business Analytics, and Competitive Advantage ➢ Programming Languages
Week 14	• Copyright Software Issues and Trends • Global Software Support • Software Bugs • Copyrights and Licenses • Freeware and Open-Source Software • Software Upgrades
Week 15	• CASE ONE: Société de transport de Montréal (STM) Implements Innovative Mobile App • CASE TWO: FIMC Launches Mobile App to Provide Enhanced Roadside Assistance Service
Week 16	**Final Exam**

Learning and Teaching Resources
مصادر التعلم والتدريس

		Available in the Library?
Required Texts	1. Principles of Information Systems, Ralph M. Stair Professor Emeritus, Florida State University George W. Reynolds Instructor, Strayer University Australia, 2018	Yes
Recommended Texts		No
Websites		

APPENDIX:

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	مقبول بقرار	(45-49)	More work required but credit awarded
	F – Fail	راسب	(0-44)	Considerable amount of work required
Note:				

NB 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.