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

MODULE DESCRIPTOR FORM
نموذج وصف المادة الدراسية

Module Information
معلومات المادة الدراسية

Module Title	Information System Management	**Module Delivery**	
Module Type	CORE		
Module Code	INSM225		
ECTS Credits	4	**-Theory Lecture**	
SWL (hr/sem)	63		
Module Level	2	**Semester of Delivery**	4
Administering Department		**College**	University of technology
Module Leader		**e-mail**	wisam.A.ALNADEEM@uotechnology.edu.iq
Module Leader's Acad. Title		**Module Leader's Qualification**	
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	ITPM214	**Semester**	3
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. Basic Understanding: Providing students with a foundational understanding of the concepts and principles of information systems and their role in institutions and organizations. 2. Business Applications Study: Understanding how information systems are used in the workplace to support operational processes and strategic decision-making. 3. Systems Analysis: Learning how to analyze, design, and develop information systems to meet business needs and improve efficiency and effectiveness. 4. Technology Management: Understanding how to manage information technology and apply it efficiently in business operations to achieve the organization's strategic objectives
Module Learning Outcomes مخرجات التعلم للمادة الدراسية	1. Understand data management and the role of databases in information systems. 2. Understand the technological infrastructure that supports information systems, including hardware, software, networks, and data centers. 3. Recognize the importance of information security and the methods to protect information assets. 4. Understand the role of decision support systems (DSS) and executive information systems (EIS) in organizations.
Indicative Contents المحتويات الإرشادية	1.

Learning and Teaching Strategies
استراتيجيات التعلم والتعليم

Strategies	Establishing a specialized information center for administrative information systems at the university, referred to as the Administrative Information Systems Project, equipped with hardware and trained personnel to support application operation and prepare any reports requested by university departments. Providing computers, printers, and scanners to each relevant department in the project, enabling them to input and maintain data. Additionally, implementing a printing system for student forms and reports for both students and faculty members. Standardizing student data in a paper format, such as the student card, to facilitate easy data entry into applications for all current students in each college at the university. Group Discussions: Organizing discussion sessions for students to discuss specific issues or review important topics in the field of information systems management and exchange perspectives.

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	4.2
Unstructured SWL (h/sem) الحمل الدراسي غير المنتظم للطالب خلال الفصل	37	**Unstructured SWL (h/w)** الحمل الدراسي غير المنتظم للطالب أسبوعيا	2.47
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**	1	10% (10)	5	LO # 1 and 3
	Practical Seminar (Lab).	2	15% (15)	Continuous	LO # 1 and 4
Summative assessment	**Midterm Exam**	1 hr	15% (15)	14	LO # 1 to 4
	Final Exam	3hr	60% (60)	16	All
Total assessment			100% (100 Marks)		

Delivery Plan (Weekly Syllabus)
المنهاج الاسبوعي النظري

	Material Covered
Week 1	The Role of Information Systems in Business Today. Globalization Challenges and Opportunities, Perspectives on Information Systems, What Is an Information System? Dimensions of Information Systems
Week 2	A Business Perspective on Information Systems. Contemporary Approaches to Information Systems (Technical Approach • Behavioral Approach • Approach Sociotechnical Systems)
Week 3	Business Processes and Information Systems, Types of Information Systems System.
Week 4	E-Business, E-Commerce, and E-Government Systems for Collaboration and Social Business
Week 5	What is Collaboration? What Is Social Business?

Week 6	Business Benefits of Collaboration and Social Business, Tools and Technologies for Collaboration and Social Business.
Week 7	Organizations and Information Systems, What Is an organization? Features of Organizations
Week 8	How Information Systems Impact Organizations and Business Firms Using Information Systems to Achieve Competitive Advantage Porter's Competitive Forces Model
Week 9	The Internet's Impact on Competitive Advantage Understanding Ethical and Soci Issues Related to Systems • Five Moral Dimensions of the Information Age • Key Technology Trends That Raise Ethical Issues
Week 10	Ethics in an Information Society Basic Concepts: Responsibility, Accountability, and Liability The Moral Dimensions of Information Systems
Week 11	Information Rights: Privacy and Freedom in the Internet Age •Property Rights Intellectual Property
Week 12	E-commerce: Digital Markets, Digital Goods E-commerce and the Internet
Week 13	Concepts in E-commerce Types of E-Commerce E-Commerce Business Models
Week 14	Enhancing Decision Making Decision Making and Information Systems
Week 15	Types of Decisions The Decision-Making Process What Is Business Intelligence? The Business Intelligence Environment
Week 16	**Final Exam**

Learning and Teaching Resources
مصادر التعلم والتدريس

	Text	Available in the Library?
Required Texts	", Management Information System, new approaches to organization and technology", K. Laudon, J. Laudon, 2014	
Recommended Texts	"Introduction to information systems", O'Brain, 2000	
Websites	https://www.coursera.org/articles/management-information-system	

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.