

Information Technology Course Description Template

1. Course Name:		
	Information Technology	
2. Course Code:		
	WBA-41-03	
3. Semester/Year:		
	First Session	
4. Date of preparation of this description:		
	15/9/2025	
5. Available Forms of Attendance:		
	Live classroom attendance	
6. Number of Hours (Total) / Number of Units (Total):		
	3 Hours / 3 Units	
7. Course Administrator Name		
	Name: Assoc. Prof. Dr. Mohammed Nabil Hadi Al-Haboubi Email: mohammed.nab@uowa.edu.iq	
8. Course Objectives		
	<ul style="list-style-type: none"> ✓ Introduce students to the basic concepts of information technology in the context of business. ✓ Clarify the role of information systems in improving business processes and decision-making. ✓ Explore data management, cybersecurity, and enterprise applications. ✓ Studying the impact of emerging technology and technologies on the business environment. ✓ Develop problem-solving skills using IT solutions for business challenges. ✓ Enhance students' ability to analyze and implement technology-driven business strategies. 	Course Objectives

9. Teaching and Learning Strategies

- ✓ Interactive Lectures: To explain the basic concepts and relate them to business applications.
- ✓ Case Studies: Analyzing real-world examples to illustrate the role of information systems in decision-making.
- ✓ Collaborative learning: Working in groups to solve problems or develop technical strategies.
- ✓ Classroom Discussions: Exploring the impact of emerging technologies on the business environment and stimulating critical thinking.
- ✓ E-learning and self-support: Using digital resources and educational platforms to promote independent learning.

Strategy

10. Course Structure

Evaluation Method	Learning Method	Name of Unit or Topic	Required Learning Outcomes	Hours	Week
Oral questions	Lecture + Discussion	Conceptual Framework for Information Systems and Technology	Understand the conceptual framework of information systems and technology and its role in supporting organizational processes.	3	1
Short Test	Lecture + Participation	Introduction to Information Systems	Understand the basic concepts of information systems and their importance in different work environments.	3	2
Short Report	Lecture + Practical Examples	Management Information Systems	Analyzing the role of MIS in improving decision-making processes within organizations.	3	3
duty	Lecture + Practical Analysis	Business, Environment and Information Systems Organizations	Evaluate the impact of the organizational environment on the design and use of information systems in business organizations.	3	4
Short Test	Lecture + Training	The Strategic Role of Management Information Systems	Explain how MIS contributes to the achievement of the strategic objectives of organizations.	3	5
duty	Lecture + Training	Information sub-functional systems	Identify the sub-functional systems of information and their role in supporting operational processes.	3	6

Share	Lecture + Discussion	First Month Exam	Measuring the extent of comprehension of the concepts acquired through the first exam.	3	7
Monthly Testing	Lecture + Practical Cases	Databases and database management systems	Understand the basics of databases and the management mechanisms of database systems.	3	8
duty	Lecture + Table Analysis	Types of Database Systems	Distinguish between the types of database systems and choose the most suitable ones to meet the needs of organizations.	3	9
Short Report	Lecture + Case Study	Development of Management Information Systems	Apply management information systems development methodologies to improve institutional performance.	3	10
Short Test	Lecture + Practical Training	Hardware and Software	Identify the hardware and software components and their role in the operation of information systems.	3	11
report	Lecture + Exercise	E-Business	Explore the concept of e-business and its impact on modern work environments.	3	12
duty	Lecture + Discussion	E-commerce	Analyze e-commerce models and understand their success strategies.	3	13
Classroom Participation	Review + Exercises	Information Security for Information Systems	Studying the principles of information security to protect information systems from risks and threats.	3	14
Final exam	Final Review	Second Month Exam	Assess the extent of comprehension of the concepts studied through the second exam.	3	15

11. Course Evaluation

Distribute the score out of 100 according to the tasks assigned to the student, such as daily preparation, daily, oral, monthly, and written exams, and reports..... etc

- I. Presentation Preparation: 10 Degrees
- II. Short Tests: 10 Marks
- III. Reports: 10 Degree
- IV. Monthly Exams: 20 marks
- V. Midterm Exam: 10
- VI. Final Exam: 50

VII. Total = 100 Marks

12. Learning and Teaching Resources

Moussa, Nabil Ezzat Ahmed. (2011). Fundamentals of Information Systems in Administrative Organizations. King Fahd National Library.

Required Textbooks

Mallach, E. (2020). <i>Information systems : what every business student needs to know</i> . Boca Raton, FL: CRC Press LLC.	Key references
Laudon, K. C., & Laudon, J. P. (2023). <i>Management Information Systems: Managing the digital firm</i> (17th ed.). Pearson.	Recommended books and references
https://www.merlot.org/merlot/	Electronic References, Websites