Academic Program Description Form for Colleges and Institutes

University: of Warith Al.anbiyaa

Faculty/Institute: Management and Economics

Scientific Department: Business Management

File Filling Date: 1/3/ 2025

Signature: **Signature:**

Head of Department Name: **Scientific assistant Name:**

Date: **Date:**

Check the file before

Division of Quality Assurance and University Performance

Name of the Director of the Quality Assurance and University

Performance Division:

Date:

Signature:

Ratification of the Dean

Course Description Form

Course Description   **The course is taught in Arabic**

This course introduces undergraduate business students to the role of information technology in modern business environments. Topics include data management, enterprise systems, cybersecurity, cloud computing, and emerging technologies. Students will learn how IT supports business operations, decision-making, and competitive advantage. Emphasis is placed on practical applications, problem-solving, and the strategic impact of information systems on business success.

Educational institution	University of Warith Al-Anbiyaa
Scientific Department / Center	Business Administration
Course Name	Information Technology
Available Attendance Forms	Face-to-face attendance in the classroom
Semester / Year	Academic Year: 2024-2025
Number of Credit Hours (Total)	75 hours theoretical and practical
The history of preparation of this description	1/ 3 / 2025

Course Objectives:

Introduce fundamental concepts of information technology in a business context.

Explain the role of information systems in improving business operations and decision-making.

Explore data management, cybersecurity, and enterprise applications.

Examine the impact of cloud computing and emerging

chnologies on businesses.

evelop problem-solving skills using IT solutions for business

nallenges.

nhance students' ability to analyze and implement technology-

iven business strategies.

9. A. Course Outcomes and Methods of Teaching, Learning and Assessment

- Understand key IT concepts and their applications in business.
- Evaluate the role of information systems in enhancing efficiency and decision-making.
- Analyze data management practices, database systems, and cybersecurity risks.
- Apply IT solutions, such as cloud computing and ERP systems, in business scenarios.
- Identify emerging trends in business technology and assess their impact.
- Utilize digital tools to solve real-world business problems.
- Develop IT strategies to optimize business performance and competitiveness.
- Demonstrate an awareness of ethical and legal considerations in IT.

B - Skills objectives of the course.

- **Data Analysis & Management** – Develop skills in handling and interpreting business data.
- **Problem-Solving with IT** – Learn to apply IT solutions to business challenges.
- **Digital Literacy** – Enhance proficiency in business software and emerging technologies.
- **Cybersecurity Awareness** – Understand security risks and best practices for IT systems.

C. Thinking skills Developing thinking skills through analysis, inference, and problem-solving. Critical thinking is stimulated through classroom discussions and interactive questioning. Creative thinking skills are enhanced by applying concepts to practical examples and case studies.	

D. Evaluation methods The course depends on written exams, assignments, and class participation. Understanding is assessed through quizzes and final exams, while projects and presentations reflect practical application skills. Interaction and classroom discussions contribute to continuous assessment.	

Teaching and learning methods
Direct interaction between the instructor and students. Content is delivered through verbal explanations, presentations, and classroom discussions. Visual aids such as whiteboards and projectors enhance understanding. Students are encouraged to ask questions and participate in discussions to reinforce comprehension.

References
1. موسى، نبيل عزت احمد. (2011). أساسيات نظم المعلومات في التنظيمات الإدارية. مكتبة الملك فهد الوطنية. 2. Mallach, E. (2020). *Information systems : what every business student needs to know*. Boca Raton, FL: CRC Press LLC.

10. Infrastructure: Classroom, data show or smart board.	
Topics by week	**Learning outcomes by weeks**
1. Conceptual framework for information systems and technology 2. Introduction to information systems 3. Management information systems 4. Business organizations, the environment, and information systems 5. The strategic role of management	1. Understand the conceptual framework of information systems and technology and their role in supporting organizational processes. 2. Comprehend the basic concepts of information systems and their importance in different work environments. 3. Analyze the role of management information systems in improving decision-making processes within organizations.

information systems 6. Functional Information Subsystems 7. First Exam 8. Databases and database management systems 9. Types of database systems 10. Development of management information systems 11. Hardware and software 12. E- business 13. E-Commerce 14. Information security for information systems 15. Second Exam	4. Evaluate the impact of the organizational environment on the design and use of information systems in businesses. 5. Explain how management information systems contribute to achieving organizational strategic goals. 6. Identify the functional subsystems of information and their role in supporting operational processes. 7. Assess the understanding of acquired concepts through the first exam. 8. Understand the fundamentals of databases and database management systems. 9. Distinguish between types of database systems and choose the most suitable one to meet organizational needs. 10. Apply methodologies for developing management information systems to enhance organizational performance. 11. Identify hardware and software components and their role in operating information systems. 12. Explore the concept of e-business and its impact on modern work environments. 13. Analyze e-commerce models and understand the strategies for their success. 14. Study the principles of information security to protect information

	systems from risks and threats.
	15.Evaluate the comprehension of studied concepts through the second exam.

Hours: Three hours per week
Teaching method: Live lecture, case studies
Evaluation method: Daily tests.

11.Course Development Plan
Expanding the the curriculum by adding the following topics • Artificial Intelligence in Business Operations • Digital Transformation and the Future of E-Business