



**Department of Business Administration**

**College of Administrative and financial science**

**University of Cihan**

**Subject: Management Information Systems**

**Course Book – Year 2**

**Lecturer's name Mustafa Othman Alsaigh <sub>MSc</sub>**

**Academic Year: 2023/2024**

# Course Book

<b>1. Course name</b>	<b>Mustafa Othman Alsaigh</b>
<b>2. Lecturer in charge</b>	
<b>3. Department/ College</b>	<b>Business Administration</b>
<b>4. Contact</b>	<b>e-mail: Mustafa_alsaigh@hotmail.com Tel: 07702013222</b>
<b>5. Time (in hours) per week</b>	<b>For example Theory: 2</b>
<b>6. Office hours</b>	<b>Availability of the lecturer during the week</b>
<b>7. Course code</b>	<b>BAD32203</b>
<b>8. Teacher's academic profile</b>	<b>e.g Webpage, Blog, Moodle... or few paragraphs about not less than 100 words</b>
<b>9. Keywords</b>	

## Course Description

Information systems and communication technologies are central to the economic and social structures of our global society. They influence business processes, organizational structures, and the ways people do business, work, and communicate.

MIS introduces the fundamentals of information technologies and the strategic opportunities and challenges emerging from these technologies. The course is based on the belief that business innovation is directly tied to a fundamental understanding of both management and technology concepts. Topics covered include using information systems (IS) for competitive advantage, databases, data communications and networking, local area networking and wireless local area networking, Internet technologies, enterprise systems (ERPs), customer relationship management systems (CRMs), supply chain management systems (SCMs), e-commerce, business intelligence and knowledge management, and IT security. While there is some introduction to hands-on technology, the real value that all McCombs majors gain from MIS 301 will come from understanding the strategic impact technology can have on how business is done and how information systems can add value to every aspect of the firm.

## Course Objectives:

Upon completion of the course, students should be able to:

- To understand the value and uses of information systems for business operation, management decision making, and strategic advantage

- To identify and explain the important MIS theory and concepts
- To understand the technical, organisational, and managerial issues associated with information systems

### **Learning outcome**

On successful completion of this module students will be able to:

- Describe and illustrate the organisational foundations of systems, their strategic role, and the organisational and management changes driving electronic business and the emerging digital firm
- Appreciate the relationships between real-world information systems and organizations, management, business processes, as well as associated ethical and social issues
- Describe and illustrate how information technologies work together with the Internet to create a new infrastructure for the digital integration of the enterprise
- Understand and appreciate the role of information systems in capturing and distributing organizational knowledge and in enhancing management decision making across the enterprise
- Describe and illustrate how companies use information systems to redesign their organizations and business processes and the role of new technologies such as Web services for rapid application development and digital integration
- Understand and appreciate the business value of systems and the tasks involved to manage system-related change
- Understand and appreciate the issues of technologies, policies, and procedures that must be in place to assure quality, security, and control of information systems

### **Teaching and Learning strategy**

Teaching is via lectures, discussing key conceptual and theoretical ideas in Strategic Management. Tutorial sessions complement the lectures, and offer students the opportunity to discuss further the concepts presented in lectures in relation to the group project. The tutorial sessions are designed to be student led, and based around the project framework provided i.e. seasonal tutors provide a largely facilitative role as opposed to directing discussion. Through utilizing this approach students develop strategic consensus that is subsequently argued within the group project. This package of

teaching methods supports the learning outcomes of the course i.e. to introduce theoretical concepts in the lectures and encourage their application in the surgery sessions and the case study based group project.

**Grading percentages:**

No.	Subject	Percentage
1.	Presentation/Discussion Report/Class Participation	5
2.	Written assignment and quizzes	10
3.	Mid-Term Examination	25
5.	Final Examination	60
	TOTAL	100

**Textbook:**

*Management Information Systems: Managing the Digital Firm*, Laudon, K. C., Laudon, J. P., 8<sup>th</sup> Edition, NJ: Prentice Hall

**SYLLABUS:**

**CHAPTER 1:**

- INFORMATION SYSTEMS IN GLOBAL BUSINESS TODAY
  - ROLES OF INFORMATION SYSTEMS IN BUSINESS TODAY
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**CHAPTER 2:**

- DEFINITIONS OF INFORMATION SYSTEMS
  - DIMENSIONS OF INFORMATION SYSTEMS
- 

**CHAPTER 3:**

- COMPLEMENTARY ASSETS FOR INFORMATION TECHNOLOGY
  - CONTEMPORARY APPROACHES TO INFORMATION SYSTEMS
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*CHAPTER 4:*

- ***TESTS/CLASS ASSIGNMENTS***
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**CHAPTER 5:**

- GLOBAL E- BUSINESS: HOW BUSINESSES USE IS
  - BUSINESS PROCESSES & INFORMATION SYSTEM
- 

**CHAPTER 6:**

- TYPES OF BUSINESS INFORMATION SYSTEM
  - ENTERPRISE WIDE- SYSTEM
- 

**CHAPTER 7:**

- INFORMATION SYSTEMS FUNCTION IN BUSINESS
  - TESTS/CLASS ASSIGNMENTS
- 

**CHAPTER 8:**

- INFORMATION SYSTEM , ORGANIZATION AND STRATEGY
  - ORGANIZATIONS& INFORMATION SYSTEM
- 

*CHAPTER 9:*

- ***Impact of IS on Organizations***
  - ***Using IS to Achieve Competitive Advantage***
- 

**CHAPTER 10:**

- SYNERGIES , CORE COMPETENCIES & NETWORK –BASED STRATEGIES
  - USING SYSTEM FOR COMPETITIVE ADVANTAGE :MANAGEMENT ISSUE
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**CHAPTER 11:**

- TESTS/CLASS ASSIGNMENTS
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**CHAPTER 12:**

- IT INFRASTRUCTOR AND EMERGING TECHNOLOGY
  - IT INFRASTRUCTOR
- 

**CHAPTER 13:**

- INFRASTRUCTOR COMPONENTS
  - Hardware Platform Trends & Emerging Technologies
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**CHAPTER 14:**

- SOFTWARE PLATFORM TRENDS & EMERGING TECHNOLOGIES
  - MANAGEMENT ISSUES
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**CHAPTER 15:**

- TESTS/CLASS ASSIGNMENTS