

**American University of Technology**  
**Faculty of Business**

Fall 2023

**Course Information (Based on Course Catalogue)**

Course No.: MIS 360	Title: Management Information Systems
Number of credits: 3	Number of contact hours per week: 3
Pre-requisites: MGT 201	Co-requisites: MIS 401
This course provides an introduction to management information technologies. It emphasizes the relationship between Information Technology (IT) and business processes and the importance of aligning business information systems with business strategy. By interacting with integrated enterprise system(s), this course helps students understand the modern IT-driven business value chain. The role of IT in organizational change and business transformation, IT history, and IT cultural issues are discussed.	

**Schedule Information (based on class schedule)**

CRN:	Section: A
Days/time class meets: TTH 17:30-18:45	Class Location: 202
Name of Instructor: Dr. Mouhamad Ibrahim	
Email: <a href="mailto:mouhamaad.ibrahim@gmail.com">mouhamaad.ibrahim@gmail.com</a>	
Office location: TBA	

**Course Learning Objectives**

The purpose of this course is to sensitize future business managers to the strategic and operational aspects of IT management. It will provide students with a holistic understanding of the role of IT in supporting, shaping, and enabling business strategies. A broad and in-depth coverage of key challenges, trends, critical success factors and best practices will be a key component of the course. In addition, this course will introduce project management and include the use of project management tools and techniques. Course objectives include but are not limited to:

1. Provide rich insight into the fundamental's components of IT and the impact at operational and strategic levels.
2. Emphasize the importance of developing a sound IT architecture.
3. Expose students to the various types of IS applications and their respective roles in e-enabling the organization.
4. Highlight the guiding principles for developing a robust information security plan.
5. Develop an appreciation for organizational efforts to develop and enhance e-business capabilities.
6. Examine the pros and cons of outsourcing IT operations.
7. Create awareness of the various implementation challenges associated with IT initiatives. Provide insights into best practices for overcoming some of these major implementation hurdles.
8. Evaluate the disruptive and transformational potential of emerging information technologies.

## Course Design Components

### Assessment activities

The assessment for this course will be determined primarily on the basis of students' performance on quizzes, homework, Project, class participation, discussions and class debates, midterm and a final exam.

Class participation requires attendance, and individual class discussions and participation.

**Under no circumstances a make-up or an early test will be made available for any student.**

Students are advised to consult with the university' policy on academic conducts.

Students are expected to do their own work and adhere to all University policies including those related to academic honesty and plagiarism as explained in the University catalog.

-Paper and Pencil assessment tasks (quizzes, tests, and final exam)

-Class participation in individual/group problem solving

- In-class case solving

- Homework and assignments

Course Schedule of Learning and Assessment Activities (based on academic calendar for both TTh, MWF, MW, or WF courses; dates will be provided to you as published by academic affairs office)

Weeks & Topics/Units/ Chapters by 1 to 3–week blocks of time	Tue	W e d	Thu	F r i		
<Insert the Unit/topic/Theme > (Dates will be provided as per academic calendar>	1 Business Information Systems in Your Career		1 Business Information Systems in Your Career			
<Week 2 & Topic >	1 Business Information Systems in Your Career		2 Global E- Business and Collaboration			
< Week 3 & Topic >	2 Global E- Business and Collaboration		2 Global E- Business and Collaboration			
<Week 4 & topic>	3 Achieving Competitive Advantage with Information Systems		3 Achieving Competitive Advantage with Information Systems			
< Week 5 & topic >	Case study		4 IT Infrastructure: Hardware and Software			
< week 6 & topic>	4 IT Infrastructure: Hardware and Software		4 IT Infrastructure: Hardware and Software			

< Week 7 & topic>	5 Foundations of Business Intelligence: Databases and Information Management		5 Foundations of Business Intelligence: Databases and Information Management			
< Week 8 & topic>	5 Foundations of Business Intelligence: Databases and Information Management		Midterm Exam			
< Week 9 & topic>	6 Telecommunications, the Internet, and Wireless Technology		6 Telecommunications, the Internet, and Wireless Technology			
< Week 10 & topic>	6 Telecommunications, the Internet, and Wireless Technology		Oral Presentation for selected topic			
< Week 11 & topic>	Oral Presentation for selected topic		8 Achieving Operational Excellence and Customer Intimacy: Enterprise Applications			
< Week 12 & topic>	8 Achieving Operational Excellence and Customer Intimacy: Enterprise Applications		9 E-commerce: Digital Markets, Digital Goods			
< Week 13 & topic>	9 E-commerce: Digital Markets, Digital Goods		9 E-commerce: Digital Markets, Digital Goods			
< Week 14 & topic>	Case study		Case study			
< Week 15 & topic>	Final exam					

**Course Graded Tasks/Assignments and Evaluation**

#### Criteria (All Assessment Activities)

Test 1	15%	
Test 2	15%	
Final	35%	
Project	15%	
Evaluation	20%	(Which includes: Drop Quizzes, home works, participation, and attendance)

#### Required Textbooks

- *Essentials of Management Information Systems Tenth edition, Laudon, Pearson*

## **Supplemental References**

Additional online and electronic reading will be provided

## **Course Policies**

*Policy and Procedures:*

*1. Attendance and punctuality are mandatory. Take note that the limit of absences (excused and unexcused): 4 absences for a 3-credit course meeting twice a week. Neglecting this requirement can definitely affect the grade or result in failing the course. 3 late accounts for one absence.*

## **Guidelines**

- All lectures will be given using the overhead projector or the LCD (depending on availability). Students are supposed to read and prepare the requested material ahead of time so the session will involve discussion and exchange of information.
- All written assignments are due at the beginning of the class-session. Late submission of assignments will lead to losing points.
- Students should be on time to class, no student is allowed to enter the class after the class starts.

## **Attendance**

This course is interactive in nature. Attendance at all class sessions and engaged participation in the activities is expected and necessary to the success of the class. Please plan to attend all sessions. If you are going to be significantly late arriving for, or absent from a session it is your responsibility to notify the instructor as soon as possible. Upon arriving at the class session please ensure that cell phones, pagers and other possible distractions are off.

Attendance will be taken at the beginning of each class session. Students are expected to show-up on time and to avoid absenteeism. Absentness does not absolve the student from his responsibility toward any announcement or assignment as made while he/she was not available

Any frequent absentee student will be asked to drop the course and, in case the-line for course withdrawal was passed; the student will receive (UW) grade which stands as an (F) on her/his G.P.A.

## **Course Assignment**

Students must work on a hands-on project related to the course material. Plagiarism will not be tolerated under any circumstances and will lead to an (F) for the project.

The project subject will be discussed in class and given to students at least two weeks ahead of time.

Students who fail to present the project on time will get an (F) on the project.

The project should be presented as a professionally printed report and the files should be saved and presented on a CD.