

Management Information Systems

Course Name	Course section (credit/hours)	Required course(3/3)			course code	I107
	course item				course component	
	Target students Division/major/grade				opening semester	2021 1ST SEMESTER
	Class time and classroom	Mon E(DaB108)Wed E(DaB108)			English Grade	A(100%English)
Reference to this course	Credit compositon	Theory(3) + Design(0) + Practice(0)				
	Prerequisite courses					
	Related basic courses					
	Recommanded concurrent courses					
	Related advanced course					
Instructor	Name (title/division)		Min Jae Park(Assistant Professor, e-Business)			
	Office Room Number	다산관 432호	Extension Number	2725	e-mail	geglove@ajou.ac.kr
	Office hour	Tuesday and Thursday, 10:00-15:00		Homepage address		
Teaching Assistant	Name (title/division)					
	Office Room Number		Office phone Number		e-mail	

1. Course Introduction

This course is designed to provide a broad overview of the fundamental concepts of information systems for students. The course includes the basic concepts of computer hardware, software, databases, data communication networks including the Internet, various information systems, and other emerging technologies. It also covers the history of computing and different scientific views toward IT to understand the interrelationships between IT and Management.

2. Course Objectives & course outcome

The course endeavors to:

- Facilitate students understanding of the vital role played by IT in supporting and facilitating all aspects of commerce, enterprise resource planning, and other business activities;
- Provide a conceptual framework for understanding, at a fundamental level, the workings and function of computer, system and application software, databases, and communications networks;
- Enable students to form knowledgeable opinions on philosophical, ethical and moral challenges facing a digital society;

In summary, students can apply analytical, critical and integrative thinking to the IT domain and become effective communicators and leaders. In addition, students can understand technology issues and trend in the global context.

3. Class types and activities

At the successful completion of this course students will be able to:

Demonstrate an understanding of fundamental information system concepts, including computer hardware, software, databases, data communications networks, Internet, etc. and have a concept of how managers employ these concepts to solve problems;

Identify the major constituent components of a management information system and explain their role and function;

Understand and compare the major factors affecting system performance;

Explain the development and operation of the information systems and their role in information access, communication, and commerce;

Identify common information systems applications and protocols;

Discuss and explain the concepts of Enterprise Resource Planning (ERP), e-business has in shaping modern business environment;

Understand different views toward IT and have thoughtful opinions on philosophical, ethical, and legal challenges for modern society;

Understand the recent IT issues and trend in the global context.

4. Teaching Method

☒ lecture

☒ discussion and debate

☒ team project(presentation and case studies)

☐ experiments(role-playing,etc)

☐ designing and production

☐ on-site learning(on-site training)

☐ others

5. Support Systems in Use

☒ AjouBb

☐ automatic recording system

☐ web-based assignment

☐ cyber lecture

☐ online content

☐ class behavior analyzing system

☐ others

6. Teaching Tools

☒ PBL(Problem Based Learning)

☒ CBL(Case Based Learning)

☒ TBL(Team Based Learning)

☐ UR(Undergraduate Research)

☐ FL(Flipped Learning)

☐ DSAL(Data Sciencd Active Learning)

☐ others

7. Evaluation method of course outcome

Evaluation Item	The Number of Times	Evaluation Proportion	Remarks
Attendance			

7. Evaluation method of course outcome

Evaluation Item	The Number of Times	Evaluation Proportion	Remarks
midterm exam	1	30%	
final exam	1	30%	
quiz			
presentation			
discussion			
homework	8	40%	
etc			
study hours			

8. Textbook and Reference material

Main/Sub	Title	Writer	Publisher	Publication year
Main	Management Information Systems: Managing the Digital Firm	Laudon, Kenneth C. & Laudon, Jape P.	Pearson	
Sub	Information Technology for Management: Advancing Sustainable, Profitable Business Growth 10th Ed	Turban, E., Volonino, L, Wood, G.	John Wiley & Sons, Inc.	

9. Class system and Class shedule

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< Schedule >

* language : K-korean, E-English

Weeks	Title of lecture	language	time distribution(minutes)			Teaching Method	evaluation method
			theory	design	experiment practice		
1	Ch1. Information Systems in Global Business Today	E	3				
2	Ch2. Global E-Business and Collaboration	E	3				

< Schedule >

* language : K-korean, E-English

Weeks	Title of lecture	language	time distribution(minutes)			Teaching Method	evaluation method
			theory	design	experiment practice		
3	Ch3. Information Systems, Organizations, and Strategy	E	3				
4	Ch4. Ethical and Social Issues in Information Systems	E	3				
5	Ch5. IT Infrastructure and Emerging Technologies	E	3				
6	Ch6. Foundations of Business Intelligence: Databases and Information Management	E	3				
7	Ch7. Telecommunications, the Internet, and Wireless Technology	E	3				
8	Midterm Exam	E	3				
9	Ch8. Securing Information Systems	E	3				
10	Ch9. Achieving Operational Excellence and Customer Intimacy: Enterprise Applications	E	3				
11	Ch10. E-Commerce: Digital Markets, Digital Goods	E	3				
12	Ch11. Managing Knowledge	E	3				
13	Ch12. Enhancing Decision Making	E	3				
14	Group Project Presentation #1	E	3				
15	Group Project Presentation #2	E	3				
16	Final Exam	E	3				

10. Contribution index of the course for attaining ABEEK program outcomes

course outcome	contribution scale
No Data	

11. Analysis of improved matters for the previous semester

13. Reference items

?The contents of the syllabus, lecture method, and schedule may be changed depending on the pandemic situation of COVID -19.