

Management Information Systems

Course Name	Course type (credit/hours)	Required course(3/3)	Course code	I020
	Target students Division/major/grade	e-Business/Freshman	Opening semester	2020 2ND SEMESTER
	Class time and classroom	Mon E(Da308)Wed E(Da308)	English Grade	A(100%English)
Reference to this course	Prerequisite courses			
	Related basic courses			
	Recommended concurrent courses			
	Related advanced courses			

Instructor	Name (title/division)		Min Jae Park(Assistant Professor, Management Information System)			
	Office Room Number	다산관 432호	Office phone Number	2725	e-mail	
	Office hours	Tuesday and Thursday, 10:00–15:00		Homepage address		
Teaching Assistant	Name (title/division)					
	Office Room Number		Office phone Number		e-mail	

1. 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

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.

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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

- | | | |
|--|---|---|
| <input checked="" type="checkbox"/> AjouBb | <input type="checkbox"/> automatic recording system | <input type="checkbox"/> web-based assignment |
| <input type="checkbox"/> cyber lecture | <input type="checkbox"/> online content | |
| <input type="checkbox"/> class behavior analyzing system | <input type="checkbox"/> others | |

6. Teaching Tools

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|---|--|--|
| <input checked="" type="checkbox"/> PBL(Problem Based Learning) | <input checked="" type="checkbox"/> CBL(Case Based Learning) | <input checked="" type="checkbox"/> TBL(Team Based Learning) |
| <input type="checkbox"/> UR(Undergraduate Research) | <input type="checkbox"/> FL(Flipped Learning) | <input type="checkbox"/> DSAL(Data Science Active Learning) |
| <input type="checkbox"/> others | | |

7. Knowledge and ability required for taking this course

8. Method of Evaluation

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

9. Textbook and supplementary material

Main/Sub	Title (Web-site)	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.	

10. Class system and Class shedule

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< Class Schedule >

* language : K-korean, E-English

Weeks	Topics	language	Instructor	Teaching Method	Evaluation Method	Matter to be prepared
1	Ch1. Information Systems in Global Business Today	E	Min Jae Park			
2	Ch2. Global E-Business and Collaboration	E	Min Jae Park			
3	Ch3. Information Systems, Organizations, and Strategy	E	Min Jae Park			
4	Ch4. Ethical and Social Issues in Information Systems	E	Min Jae Park			
5	Ch5. IT Infrastructure and Emerging Technologies	E	Min Jae Park			
6	Ch6. Foundations of Business Intelligence: Databases and Information Management	E	Min Jae Park			
7	Ch7. Telecommunications, the Internet, and Wireless Technology	E	Min Jae Park			
8	Midterm Exam	E	Min Jae Park			
9	Ch8. Securing Information Systems	E	Min Jae Park			
10	Ch9. Achieving Operational Excellence and Customer Intimacy: Enterprise Applications	E	Min Jae Park			
11	Ch10. E-Commerce: Digital Markets, Digital Goods	E	Min Jae Park			

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Week s	Topics	lang uage	Instructor	Teaching Method	Evaluation Method	Matter to be prepared
12	Ch11. Managing Knowledge	E	Min Jae Park			
13	Ch12. Enhancing Decision Making	E	Min Jae Park			
14	Group Project Presentation #1	E	Min Jae Park			
15	Group Project Presentation #2	E	Min Jae Park			
16	Final Exam	E	Min Jae Park			

11. Other items of notification

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