

Syllabus [2025Year 1 Term]

Course Information

Course Title	Information Technology in Business	Credits	3
Course Code	469590-1	Required/Elective (For Undergraduate Courses)	Mandatory Major
Department or Major	Department of International Business Administration	Language	English
Methods of Teaching		Lecture Room	화7,8,9/ 목7,8,9(국제307)
Time Allotment	Lecture(3) Experiments(0) Training & Practice(0) Performance(0) Designing & Planning(0)	Cyber Lectures	
Course Type	offline		

Lecturer

Lecturer	Name	Koo, Hyojung	Rank	Non-tenure track Assistant Professor	Final Academic Degree	철학박사
	Department & college	Department of International Business Administration		Office		
	Office Phone Number	—		e-mail	betterme@dankook.ac.kr	
	Field of Interest					

Course Summary

Course Description	This course is to introduce how today's businesses use information technologies and systems to achieve their corporate objectives in the digital age. Current real-world business cases illustrate how companies have identified, and ultimately solved, key business challenges using information systems and technologies. This course enables students to understand the basic concepts and principles of Information System and to apply the concept to the actual project by analyzing cases.
Description Related Courses	
Course Goals	To understand the basic concepts and tools of Information Systems in the digital age. To comprehend topics on the Information Technology infrastructure and key system applications for the digital age. Practice basic skills in Python.

Projected Results	Upon completion of this course, students will be able to understand the basic concepts and tools of Management Information System. Students will also be able to set up IT management strategy by applying into actual cases and project. Students will be able to analyze how new technologies are adapting in new business situations in the era of Covid-19 and try to make a projection of them in the era of post-Covid-19.
Percentage of the original language classes(%)	

## Syllabus

Times	Lecture Topic	Lecture Goals	Lecture Methods	Assignments
1	Business Information Systems in Your Career	Understand basic concepts	강의,	ch1
2	Global E-business and Collaboration	Understand basic concepts	강의,	ch2
3	Achieving Competitive Advantage with Information Systems	Understand basic concepts	강의,	ch3
4	Ethical and Social Issues in Information Systems	Understand basic concepts	강의,	ch4
5	Foundations of Business Intelligence: Databases and Information Management	Understand concepts of IT infrastructure	강의,	ch6
6	Foundations of Business Intelligence: Databases and Information Management	Understand concepts of IT infrastructure	강의,	ch6
7	midterm exam	midterm assessment	exam	
8	Telecommunications, the Internet, and Wireless Technology	Understand concepts of IT infrastructure	강의,	ch7
9	Securing Information Systems	Understand concepts of IT infrastructure	강의,	ch8
10	Achieving Operational Excellence and Customer Intimacy: Enterprise Applications	Study applications	강의,	ch9
11	E-commerce: Digital Markets, Digital Goods	Study applications	강의,	ch10
12	Improving Decision Making and Managing A.I.	Understand the new era	강의,	ch11
13	Team Project Presentation	Understand the new era	팀기반학습(TBL),	
14	Python		디지털·AI교육,	
15	final exam	final assessment	exam	

## Methods of Grading

sequence	Description	Percentage	Details
1	Mid-tem Exam	30%	
2	Final-exam	30%	
3	Pop Quizzes	0%	
4	Assignments	10%	Term paper
5	Reports	10%	Python sessions and report
6	Presentations & Discussions	10%	AI presentation (team project)
7	Attendance	10%	
8		0%	
9	Others	0%	
All		100%	

## Core of Value

핵심가치	전공역량	역량정의	역량구분	값(%)
혁신 (Discovery)	창의적문제해결 (Creative problem-solving)	주어진 상황과 문제를 창의적으로 해결할 수 있는 능력	부역량	0%
혁신 (Discovery)	도전 (Challenging)	전공 지식을 새로운 분야와 융합하고 아우를 수 있는 능력		0%
혁신 (Discovery)	지식융합 (Knowledge convergence)	새로운 분야를 개척하거나 도전적으로 임할 수 있는 능력	부역량	0%
헌신 (Dedication)	세계시민 (Universal value)	세계 공동체 구성원으로 전공자로서 국제적 이슈에 대응할 수 있는 능력		0%
헌신 (Dedication)	상호협력 (Cooperation)	공동의 목적 달성을 위해 타인과 상호협력을 할 수 있는 능력		0%
헌신 (Dedication)	공동체 (Sense of community)	공동체의 구성원으로서 필요한 태도와 윤리의식을 가질 수 있는 능력		0%
능동 (self-Determination)	자기주도 (Self-Managing)	주어진 상황과 문제를 주도적이고 능동적으로 해결할 수 있는 능력		0%
능동 (self-Determination)	지식활용 (Knowledge application)	주어진 상황과 문제에 대해 논리적으로 파악하고 분석할 수 있는 능력	주역량	0%

핵심가치	전공역량	역량정의	역량구분	값(%)
능동 (self-Determination)	논리적사고 (Logical thinking)	전공관련 지식을 필요에 따라 다양하게 적용하고 활용할 수 있는 능력		0%
능동 (self-Determination)	의사소통 (Articulation)	대화를 통해 다양한 의견을 조율하고 합의를 이끌어 낼 수 있는 능력		0%

## Textbook(s) &amp; References

Description	Title	Author	Publisher
Required Textbook	Essentials of Management Information Systems (15th ed.)	Kenneth C. Laudon, Jane Laudon	Pearson

## Memo

TBA in class