Information Resources Management

Course Name	Course type (credit/hours)	Elective course(3/3)	Course code	K060
	Target students Division/major/grade	Public Administration/Senior	Opening semester	2021 2ND SEMESTER
	Class time and classroom	Tue D(Yul255)Thu C(Yul255)	English Grade	A(100%English)

Reference to this course	Prerequisite courses	NONE		
	Related basic courses	NONE		
	Recommended concurrent courses	NONE		
	Related advanced courses			

Instructor	Name (title/division)	Hyang Won Kwon(Assistant Professor, Public Administration)				
	Office Room Number	#410 Yulgok Hall	Office phone Number	2750	e-mail	
	Office hours	By appointment at students convenience	Homepage address			
Teaching Assistant	Name (title/division)					
	Office Room Number		Office phone Number		e-mail	99blackmonday@hanmail.net

1. Introduction

This course aims to understand the latest theories and case examples of organizational management and government public service innovation using digital technology.
Through the course, students are expected to understand digital-based work technologies in various fields and develop their ability to apply them to their jobs in the future.

2. Course Objectives

At the completion of this course, students are expected to meet the goals below Data, Information, and System Management
1) Understand the basic notion of data, information, and information systems 2) Understand what information resource managers do in an organization (e.g. planning, organizing, and controlling resources)
Information Technology Infrastructure 1) Know the managerial usage of emerging information communication technologies such as cloud, RPA(robotic process automation), DBMS(database management systems), big data, data mining, SQL, and A.I..
2) Describe the foundations of business intelligence: Database and Information Management
Technology and Government Innovation 1) Understand how to innovate public service delivery by using emerging technologies
2) Understand the structure and process of e-government
Other Issues 1) Ethical and social issues in information systems 2) Major challenges and opportunities

3. Class types and activities

Due to the prolonged corona crisis, lectures are mainly conducted online. But, if necessary, real-time online classes can also be conducted.

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 analyazing 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 Science Active Learning)
☐ others		

7. Knowledge and ability required for taking this course

Since this is an introductory class, no additional basic knowledge/tool skills are required in advance.

8. Method of Evaluation

Evaluation Item	The Number of Times	Evaluation Proportion	Remarks
Attendance	14	30	Attendance
midterm exam			
final exam	1	60	Format: multiple choice and short answer
quiz			
presentation			
discussion			
homework			
etc	14	10	Participation & Case Research
study hours			

9. Textbook and supplementary material

Main/Sub	Title (Web-site)	Writer	Publisher	Publication year
Main	No particular text books are required. Class materials will be given.			

10. Class system and Class shedule

① This course is basically lecture-based but students are suggested to pose questions and opinions freely (This will be reflected in Attendance)
② No Text Book, instead Class materials will be given to students.
③ Lecture will be uploaded upon AjouBB. When it is necessary, we are going to meet up on Zoom Meeting.

< Class Schedule >

* language : K-korean, E-English

Weeks	Topics	language	Instructor	Teaching Method	Evaluation Method	Matter to be prepared
1	Course Introduction	E	Hyang Won Kwon	Lecture		
2	Concept and Overview	E	Hyang Won Kwon	Lecture		
3	Trends: Digital Transformation & MI	E	Hyang Won Kwon	Lecture		
4	Practice of IRM	E	Hyang Won Kwon	Lecture		

< Class Schedule >

Weeks	Topics	language	Instructor	Teaching Method	Evaluation Method	Matter to be prepared
5	e-Government & Digital Social Innovation	E	Hyang Won Kwon	Lecture		
6	Process Innovation: RPA	E	Hyang Won Kwon	Lecture		
7	Customer SErvice: PCRM & A.I.	E	Hyang Won Kwon	Lecture		
8	Mid Term (no class)	E	Hyang Won Kwon	Lecture		
9	Telework: Cloud computing & WLI	E	Hyang Won Kwon	Lecture		
10	Coordination and Integration: Big Data & SQL	E	Hyang Won Kwon	Lecture		
11	Informatization Planning & Strategy	E	Hyang Won Kwon	Lecture		
12	Emerging Technology	E	Hyang Won Kwon	Lecture		
13	Case Studies #1	E	Hyang Won Kwon	Lecture		
14	Case Studies #2	E	Hyang Won Kwon	Lecture		
15	Other Relevant Issues	E	Hyang Won Kwon	Lecture		
16	Final Term	E	Hyang Won Kwon	Lecture		

11. Other items of notification

Please be attentive to AjouBB Class Notice all the time. It is an only channel for use to interact.