INTERNATIONAL UNIVERSITY OF JAPAN

Graduate School of International Relations

Academic Year: 2016/2017

Term: Winter

Course	Course code DCC 5382	Course title Introduction to Electronic Government	
Name of Instructor	Hun Myoung Park		Credit Number: 2
Instructor's contact Information	Office# 311	Office Hours Thursday / 13:30-14:30	E-mail: kucc625@iuj.ac.jp
Class Schedule Day / Time	Thursday / 14:40-17:50		

Course Description: This Introduction to Electronic Government (e-government) discusses fundamental concepts and technological building blocks of information systems with a special focus on the public sectors. This course is required for PMPP-ISM students.	
Learning Objectives: (1) to learn technological building blocks of information systems including hardware, software and telecommunication (Internet), (2) to learn HTML/XHTML and Cascading Style Sheets (CSS), and understand Web standards, (3) to understand a big picture of e-government and e-government development models, and (4) to learn relational databases, entity-relationship modeling, and structured query language (SQL).	
Career Relevance: Public managers in charge of information systems have to understand both technical and social aspects of electronic government. This course provides essential technological building blocks of electronic government to those who will continue to study Public Management Information Systems and Public Information Policy and Management. Those courses will help IT public managers make and implement appropriate information and communication technology policies.	
Course Context or Rationalization: This course is the first required course for information systems management (PMPP-ISM) students that provides background knowledge and skills for Public Management Information Systems (DCC 5383) and Public Information Policy and Management (DCC5281).	
Delivery Methods: This course relies on lecture, lab, assignment, and group project.	
Assessment: Midterm exam (10%), final exam (15%), assignment (35%), quiz (15%), group project (10%), and class attendance (15%)	
Prerequisite: There is no prerequisite for this course, but students are expected to have some basics of World Wide Web and information systems. This course is the prerequisite of *Pubic Management Information Systems* (DCC 5383) in the spring term and *Public Information Policy and Management* (DCC 5381) in the fall term.	
Textbook(s)	Required: Stair, Ralph, and George Reynolds. 2016. *Principles of Information systems*. 12th ed. Course Technology & Cengage Learning. ISBN

	978-1285867168 Reference books: Chisholm, Wendy, and Matt May. 2009. *Universal design for Web applications*. Sebastopol, CA: O'Reilly Media. ISBN 978-0596518738 Coronel, Carlos, Steven Morris, and Peter Rob. 2013. *Database principles: Fundamentals of design, implementation, and management*. 10th ed. Cengage Learning EMEA. ISBN 978-1133311973. Derfler, Frank, Jr., and Les Freed. 2005. *How networks work*, 7th ed. Indianapolis, IN: Que. ISBN 978-0789732323. Forouzan, Beherouz, and Firouz Mosharraf. 2013. *Foundations of computer science*, 3nd ed. Cengage Learning EMEA. ISBN 978-1408088418. Gourley, David, and Brian Totty. 2002. *HTTP: The definitive guide*. O'Reilly Media. ISBN 978-1565925090. Gralla, Preston. 2007. *How the Internet works*, 8th ed. Indianapolis, IN: Que. ISBN 978-0789736260. Hoffer, Jeffrey A., Ramesh Venkataraman, and Heikki Topi. 2010. *Modern database management*. 10th ed. Prentice Hall. ISBN 978-0136088394. Laudon, Kenneth C., and Jane P. Laudon. 2016. *Management information systems: Managing the digital firm*, 14th ed. Prentice Hall. ISBN 978-0133898163. Meyer, Erick A. 2007. *CSS: The definitive guide*, 3rd ed. O'Reilly Media. ISBN 978-0596527334. Morley, Deborah, and Charles S. Parker. 2015. *Understanding computers: Today and tomorrow*. 15th ed. Cengage Learning. ISBN 978-1285767277. Musciano, Chuck, and Bill Kennedy. 2007. *HTML & XHTML: The definitive guide*, 6th ed. O'Reilly Media. ISBN 978-0596527327. Rocheleau, Bruce A. 2006. *Public management information systems*. Hershey, PA: Idea Group Publishing. ISBN-10: 1591408075. Souders, Steve. 2007. *High performance Web sites: Essential knowledge for front-end engineers*. O'Reilly Media. 978-0596529307. White, Ron. 2008. *How computers work*, 9th ed. Indianapolis, IN: Que. ISBN 978-0789736130.
Class Outline	1. Introduction 2. Information systems 3. Hardware of information systems 4. Lab: Hypertext Markup Language (HTML) 5. Software of information systems 6. Lab: Extensible HTML (XHTML) 7. Programming languages 8. Lab: Cascading style sheets (CSS) 9. Internet and World Wide Web

	10. Lab: Web form 11. Electronic government 1 12. Lab: Unix and SSH 13. Data structure and file systems 14. Lab: Relational databases 1 15. Relational Databases 16. Lab: Relational databases 2 17. Entity-relationship model 18. Lab: Entity-relationship model 19. Structured query language (SQL) 20. Lab: Structured query language (SQL)
Others (if any)	PMPP-ISM students may take Foundations of Web Technologies (ITC 5040) and Database Design and Management Strategies (ITC 6040) of the Graduate School of International Management (GSIM) as well.