Course number	U-LAS30 10019 LE13		

Course title (and course title in English)	Information and Society-E2 Information and Society-E2	Instructor's name, job title, and department of affiliation	Graduate School of Informatics Program-Specific Associate Professor,LIN, Donghui

Group	Informatics	Field(Classification)	(Foundations)		

Language of instruction	English	Old group	Group B	Number of credits	2

Number of weekly time blocks	1	Class style	Lecture (Face-to-face course)	Year/semesters	2024 First semester
Days and periods	Mon.5	Target year	All students	Eligible students	For all majors

[Overview and purpose of the course]

In the current society we use variety of information technologies, which have enormous influence on our daily lives, economical activities, industry, public policies, education and so on. In order to get higher perspective and wider view to understand information-based society, we need knowledge of the history of informatics science and technology and their impact on our society.
In this lecture students will get fundamental knowledge of information technology and the interrelation between information, technology and society.
This lecture course covers topics related to social impacts of ICT and treatment/management of information in our society including information economics, intellectual property, media literacy, social media and so on.

[Course objectives]

Students will be able to explain social impacts of ICT and treatment/management of information in our society as well as basic issues related to information economy and information society. They will also be able to formulate their own opinions about information technologies, information ethics and their interplay with society.

[Course schedule and contents)]

1. Introduction to information society: information, information society, Internet, relation of information, society and technology (about 2 weeks)

2. Intellectual rights and law: freedom of expression, right to know, right to be forgotten, information privacy as well as intellectual and industrial property rights such as patents and copyrights (about 2 weeks)

3. Information and economy: economic transactions, search/recommendation models for products, information asymmetry, network externality, lock-in phenomenon, path dependence, electronic payments, e-commerce, advertising on the Internet, impact of Internet on economy (about 3 weeks)

4. Information and education: information education, computer literacy, media literacy, information literacy, e-learning, MOOC, blended learning, digital divide, e-books (about 2 weeks)

5. Information archiving: digital content archiving, digital libraries, usage of archived contents, information validity over time (about 1 week)

6. Information design: information systems, search systems for information, information credibility, trust

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mechanisms (about 1 week)

7. Digital governance: digital democracy, digital community, social media, cloud computing, information policy (about 1 week)

8. Social computing: human computation, crowdsourcing, collective intelligence (about 2 weeks)

9. Feedback　1 week)

[Course requirements]
None

[Evaluation methods and policy]
Students are evaluated by the final exam.

[Textbooks]
Not used
Lecture slides will be printed and distributed during the lectures.

[References, etc.]
References, etc.
Introduced during class

[Study outside of class (preparation and review)]
Students will review materials after classes based on the slide handouts.

[Other information (office hours, etc.)]
No office hours specified. E-mail: lindh@i.kyoto-u.ac.jp