| Course number | U-LAS30 10019 LE13 | | |
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| Course title (and course title in English) | Information and Society-E2<br>Information and Society-E2 | Instructor's name, job title, and department of affiliation | Graduate School of Informatics<br>Program-Specific Associate Professor,HADFI Rafik |
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| Group | Informatics | Field(Classification) | (Foundations) |
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| Language of instruction | English | Old group | Group B | Number of credits | 2 |
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| Number of weekly time blocks | 1 | Class style | Lecture (Face-to-face course) | Year/semesters | 2025 First semester |
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| Days and periods | Mon.5 | Target year | All students | Eligible students | For all majors |
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**[Overview and purpose of the course]**

Information technology profoundly impacts all aspects of modern society, including daily life, economics, governance, education, and various industries. It is, therefore, essential to acknowledge the historical development of information science and the evolution of its influence on our society if we aim for a deeper understanding and broader perspective on information-based societies. This lecture will provide foundational knowledge of information technology and the relationships between information technology and society. The course delves into the social impacts of Information and Communications Technology (ICT), information handling, information economics, intellectual property, media literacy, and social media.

**[Course objectives]**

The students will be able to articulate the impacts of ICT on society and the critical issues related to the information economy and information society. They will also be able to develop their perspectives on information technologies, information ethics, and their interactions with society.

**[Course schedule and contents)]**

1. Introduction:
Information, information society, Internet, the relation between information, society, and technology (about 2 weeks)

2. Information policy and ethics:
ICT infrastructure and the society, ICT policy in Japan, Society 5.0, Industry 4.0, ethical issues related to the information society (about 2 weeks)

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

4. Information 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)

5. 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

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Internet, the impact of the Internet on the economy (about 3 weeks)

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

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

8. Social computing:
Human computation, crowdsourcing, collective intelligence (about 1 week)

9. Feedback　1 week)

The total number of lessons is 15, including one feedback session.

## [Course requirements]

None

## [Evaluation methods and policy]

The evaluation will be based on your reports for assignments. There are two types of assignments:
- Assignments of short answer questions (50%): Each assignment will cover 2-3 weeks' lecture contents.
- Two essay writing assignments (1,000 English words) regarding specified topics (50%).

All the assignments will be available via the PandA system.

## [Textbooks]

Not used
Lecture slides will be available on the PandA system.

## [References, etc.]

### References, etc.
Introduced during class

## [Study outside of class (preparation and review)]

Students can review the course material after classes (slides).

## [Other information (office hours, etc.)]

No office hours are specified. E-mail: rafik.hadfi@i.kyoto-u.ac.jp