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|---|---------|--|-----|--------|-----|----------------|------------|--------------------------|------|-----|--|
| 科目ナンバリング  |         | U-LAS30 10019 LE13                                       |     |        |     |                |            |                          |      |     |  |
| 授業科目名<br><英訳>   |         | Information and Society-E2<br>Information and Society-E2 |     |        |     | 担当者所属<br>職名・氏名 |            | 情報学研究科 特定准教授 HADFI Rafik |      |     |  |
| 群   | 情報学科目群  |  |     | 分野(分類) |     | (基礎)           |            |                          | 使用言語 | 英語  |  |
| 旧群  | B群      | 単位数  | 2単位 | 週コマ数   | 1コマ | 授業形態           | 講義（対面授業科目） |                          |      |     |  |
| 開講年度・<br>開講期  | 2025・前期 |  | 曜時限 | 月5     |     | 配当学年           | 全回生        |                          | 対象学生 | 全学向 |  |
| 【授業の概要・目的】  |         |  |     |        |     |                |            |                          |      |     |  |
| 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. |         |  |     |        |     |                |            |                          |      |     |  |
| 【到達目標】  |         |  |     |        |     |                |            |                          |      |     |  |
| 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.  |         |  |     |        |     |                |            |                          |      |     |  |
| 【授業計画と内容】   |         |  |     |        |     |                |            |                          |      |     |  |
| 1. Introduction:<br>Information, information society, Internet, the relation between information, society, and technology (about 2 weeks)   |         |  |     |        |     |                |            |                          |      |     |  |
| 2. Information policy and ethics:<br>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:<br>Information education, computer literacy, media literacy, information literacy, e-learning, MOOC, blended learning, digital divide, e-books (about 2 weeks)  |         |  |     |        |     |                |            |                          |      |     |  |
| 4. Information and law:<br>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:<br>Economic transactions, search/recommendation models for products, information asymmetry, network externality, lock-in phenomenon, path dependence, electronic payments, e-commerce, advertising on the Internet, the impact of the Internet on the economy (about 3 weeks)   |         |  |     |        |     |                |            |                          |      |     |  |
| 6. Information archiving:<br>Digital content archiving, digital libraries, usage of archived contents, information validity over time (about 1 week)  |         |  |     |        |     |                |            |                          |      |     |  |
| Information and Society-E2(2)へ続く  |         |  |     |        |     |                |            |                          |      |     |  |

## Information and Society-E2(2)

### 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.

### 【履修要件】

特になし

### 【成績評価の方法・観点】

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.

### 【教科書】

使用しない

Lecture slides will be available on the Panda system.

### 【参考書等】

( 参考書 )

授業中に紹介する

### 【授業外学修（予習・復習）等】

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

### 【その他（オフィスアワー等）】

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

### 【主要授業科目（学部・学科名）】