科目ナンバリング	U-LAS30 10037 SE10						
授業科目名<英訳>	Practice in Basics of Informatics and AI -E2 Practice in Basics of Informatics and AI-E2			担当者所属職名・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		単位数	2単位	週コマ数	1コマ	授業形態	演習（対面授業科目）
開講年度・開講期	2026・後期	曜時限	金5	配当学年	全回生	対象学生	全学向

[授業の概要・目的]

Acquiring Information and Communication Technology (ICT) skills is essential for academic success. This course aims at the following:

-Teaching students basic ICT skills for their academic activities. They will develop such skills to fully utilize the services provided by the university to search for information, process data, write papers, and present their studies, while learning to use AI tools responsibly as aids in these activities.

- Guiding students into becoming independent ICT users that can autonomously learn to manage and operate their personal computers and networks.

- Helping students acquire the capability to continuously learn new ICT skills by themselves and particularly the skills not dealt with in the course.

[到達目標]

At the end of the semester, students should be able to know the basics of operating systems and information networks. They should also acquire all the skills for academic information retrieval, data processing, writing, and presentation. Finally, students will understand the basics and practices of programming, as well as the capabilities, limitations, and ethical considerations of using AI tools in academic work.

[授業計画と内容]

Computer basics (1 week)
- Introduction of this course
- Basics of operating systems

Basics of information networks (2 weeks)
- In-campus information services and networks (1 week)
- Information security (1 week)

Academic information seeking (1 week)
- Academic information and libraries
- Skills of information seeking for academic purposes

Academic content creation (6 weeks)
- Data processing with a Spreadsheet (2 weeks)
- Academic report writing (2 weeks)
- Presentation (2 weeks)

Basics of programming (4 weeks)
- Overview of programs and programming (1 week)
- Basic programming exercises (1 week)
- Advanced programming exercises (2 weeks)

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Practice in Basics of Informatics and AI-E2(2)

[履修要件]

特になし

[成績評価の方法・観点]

Grading will be based on the evaluation of submitted reports for each assignment. All assignments will be available via the LMS system.

[教科書]

H. Kita, Y. Kitamura, H. Hioki, H. Sakai, and D. Lin.『The Practice of Basic Informatics 2025』(Kyoto University)

Slides for additional materials will be delivered via the LMS system.

[授業外学修（予習・復習）等]

Students are expected to read the corresponding materials ahead of each class and practice the acquired knowledge by solving proposed problems during the class. After studying each topic, student will have a full week to write and submit their reports.

[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

Students must complete the Information Security e-Learning provided by the Institute for Information Management and Communication (IIMC), Kyoto University, including the final test of the course, and confirm its feedback. No class hour is assigned to take this e-learning, and students must take this e-learning outside the class hours. All the members of Kyoto University are asked to take this e-learning every year, and hence students in the second grade and above also should complete this e-learning.

[主要授業科目（学部・学科名）]