

科目ナンバリング		U-LAS30 10015 LE11 U-LAS30 10015 LE10 U-LAS30 10015 LE12							
授業科目名 <英訳>		Basic Informatics Basic Informatics				担当者所属 職名・氏名		工学研究科 准教授 CHANG , Kai-Chun	
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	講義 (対面授業科目)		
開講年度・ 開講期	2025・後期		曜時限	火4		配当学年	主として1回生	対象学生 理系向	
[授業の概要・目的]									
This course covers basic concepts in information representation, computer hardware and operating systems, as well as technical background on network and Internet, and related issues.									
[到達目標]									
To understand the basics of information representation, computer hardware and operating systems, network and Internet technical background, and related issues.									
[授業計画と内容]									
0. Introduction [1 week] 1. Representing information as bit patterns [5 weeks] 1-1. The binary system 1-2. Representing integers 1-3. Representing fractions 1-4. Representing text 1-5. Representing other information 2. Computers and their peripherals [3 weeks] 2-1. Computer architecture 2-2. CPU and main memory 2-3. Storage devices, input and output devices 3. Operating system and application software [2 weeks] 3-1. Operating system architecture 3-2. Coordinating computer's activities 4. Networking and the Internet [3 weeks] 4-1. Network fundamentals 4-2. The Internet 4-3. Broadband connections and mobile connections 5. Feedback [1 week]									
[履修要件]									
特になし									
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Basic Informatics(2)

[成績評価の方法・観点]

Quizzes and exercises (40%), final examination (60%)

[教科書]

授業中に指示する

Handouts distributed in class or uploaded to the Panda course site

[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 are expected to dedicate about 1 hour to review. More than half of this time is spent preparing for class and completing assignments.

[その他（オフィスアワー等）]

Any inquiry to the instructor: chang.kaichun.4z{at}kyoto-u.ac.jp. (replace {at} with @)

[主要授業科目（学部・学科名）]