COURSE DETAIL

INTRODUCTION TO HUMAN-COMPUTER INTERACTION

Country
Korea, South

Host Institution
Korea Advanced Institute of Science and Technology (KAIST)

Program(s)
Korea Advanced Institute of Science and Technology, KAIST

UCEAP Course Level
Upper Division

UCEAP Subject Area(s)
Computer Science

UCEAP Course Number
139

UCEAP Course Suffix

UCEAP Official Title
INTRODUCTION TO HUMAN-COMPUTER INTERACTION

UCEAP Transcript Title
INT HUMN-CMPTR INTR

UCEAP Quarter Units
4.50

UCEAP Semester Units
3.00

Course Description

This course covers human-computer interaction (HCI) design methods and principles. Human-computer interaction deals with the design of interactive systems to support the ways people communicate and interact in their everyday and working lives. The central goal of HCI is to develop usable systems that are easy to learn, effective to use, and offer an enjoyable experience.

In this course, students explore well-known design principles on usability aspects (e.g., learnability, efficiency, human errors) and design methodologies (e.g., user-centered design, task analysis, prototyping, heuristic evaluation, and user testing). Design assignments and term projects help students enhance their user interface design skills in web, mobile, and IoT environments.

Language(s) of Instruction
English

Host Institution Course Number
CS.30704

Host Institution Course Title
INTRODUCTION TO HUMAN-COMPUTER INTERACTION

Host Institution Course Details
https://hci.cstlab.org/

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Course Last Reviewed
2025-2026

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