

Course	Interaction
Course No.	02RB223
Credits	2.0Credits
Grade	1, 2Year
Timetable	SprAB Mon1,2
Instructor	Hideaki Kuzuoka, Mai Otsuki
Course Overview	This course introduces human factors in human-machine interaction, followed by introduction of theories and practices of designing actual Man-Machine systems and computer mediated Human-Human interaction systems.
Remarks	Those who do not belong to the PhD program in Empowerment Informatics need the permission of the instructor to register. Not allowed to overlap with 01CK204.
Course Type	lectures
Course Remarks	Lecture in English. A minimum of one students are required.
Relationship to EMP Educational Objectives	Interdisciplinary ability: Broad education and ability to see the big picture.
Course Objectives	Understand human factors in human-machine interface, and theories and practices of designing actual Man-Machine systems and computer mediated Human-Human interaction systems.
Course Schedule	Topics: <ul style="list-style-type: none"> - Human and HCI (Human-Computer Interaction) - Design of the Interactive System - Cognitive aspects - Human engineering - "Kansei" (affective) engineering - Input - Visual Interface - Communication Between Human and Computer - CSCW (Computer Supported Cooperative Work) - Evaluation (Usability Testing and Ethnomethodology) 1)
Graduating Methods and Criteria	Final test (70%), and homework assignments (30%). A homework assignment submitted after the deadline will received 40% penalty.
Homework	
Textbook	None.
References	Jenny Preece, Helen Sharp, Yvonne Rogers, " Interaction Design: Beyond Human-Computer Interaction, 4th Edition " , Addison-Wesley, 2015. Ben Shneiderman, " Designing the user interface " , Addison-Wesley, 2005. Tom Stafford, Matt Webb, "Mind Hacks: Tips & Tricks for Using Your Brain", O'Reilly Media, Inc., 2004.
Office Hour	Please make an appointment by email.
Messages for Students	Pay attention to products & interfaces that you feel hard to use in everyday life. Since this class includes various topics, if you have any questions in class, please ask us or research by yourself using references & the Internet as soon as possible.

Teaching Fellow / Teaching Assistant	
Keywords	