

Course	Methods of Experimental Psychology
Course No.	02RB234
Credits	2.0Credits
Grade	1, 2Year
Timetable	SprC Intensive
Instructor	Saho Ayabe
Course Overview	This course will provide 1) the method of psychophysical measurements, 2) a framework of reaction time measurements, 3) experimental design and 4) the principles of brain functional measurements. This course will also provide recent research of experimental psychology (e.g. olfactory perception, and cognition).
Remarks	Those who do not belong to the PhD program in Empowerment Informatics need the permission of the instructor to register.
Course Type	lectures
Course Remarks	Lecture in Japanese, with English slides. A minimum of three students are required.
Relationship to EMP Educational Objectives	Interdisciplinary ability: Broad specialist knowledge and experience.
Course Objectives	Study methods of experimental psychology and learn how to measure human. Also study the important point to design psychological experiment.
Course Schedule	1)Methods of Psychophysical measurements. 2)Experimental design, Control, Ethics 3)Signal detection theory, Reaction time measurement. 4)Methods of brain function measurements. 5)Trends of Experimental psychology. (Ex. Olfactory perception)
Graduating Methods and Criteria	
Homework	
Textbook	
References	
Office Hour	
Messages for Students	
Teaching Fellow / Teaching Assistant	
Keywords	