

Course	Kansei Information and Design
Course No.	02RB302
Credits	1.0Credits
Grade	1 - 3Year
Timetable	SprABC by request
Instructor	Toshimasa Yamanaka
Course Overview	1. Overview of Design 2. Basic statistics for application science, design and engineering. from data handling to multi variate analysis 3. Journal club for use of experimental panning and methods for analysis.
Remarks	related to Design Analysis (Art and Design). Only students of the PhD program in Empowerment Informatics are allowed to register. Not allowed to overlap with 02JG202. Guidance will be held on April 15th (Fri.) at Laboratory of advanced research D (総合研究棟 D) room 306.
Course Type	lectures
Course Remarks	Lecture, workshop and journal club
Relationship to EMP Educational Objectives	Interdisciplinary ability:Broad education and ability to see the big picture
Course Objectives	1) Acquire concrete definition of the discipline of design 2) Use multi variate analysis by oneself 3) Read and understand the right use of statistics in applied scientific research
Course Schedule	Study following. 1) General view of contemporary design, especially product design. 2) Basic skill of statistical analysis, especially Multi Variate Analysis. 3) Get used to writing paper using statistical analysis.an intensive course (spring semester) 1)Orientation 2)Overview of statistics and data handling 3)Learning practical use of basic statisitics using calc software 4)Learning use of statistical analysis software (JMP) 5)read and apply analysis on your own data set. 6)Overview of design process (fall semester)
Graduating Methods and Criteria	report and presentation
Homework	
Textbook	
References	
Office Hour	tyam at geijutsu.tsukuba.ac.jp http://www.geijutsu.tsukuba.ac.jp/~tyam/
Messages for Students	
Teaching Fellow / Teaching Assistant	
Keywords	kansei, analysis