Course programme

Course code **IFI7161.DT**	COURSE TITLE: *Design Theory and Methodology*		
ECTS credits: 4 (EAP/ECTS)	Amount of contact lessons: 20	Teaching semester: *autumn*	Assessment form: *Examination*
Course objectives:	The aim of this course is to introduce different theoretical frameworks and methodologies of the design discipline. Lectures, discussions and assignments help the students to develop the ability to think critically about the design discourse and design process and thus to improve their own design methodologies.		
Brief description of course content: (including the description of the independent work)	1. 'Defining Design' provides an overview of different approaches to defining and describing design discipline. Historical overview of the development of design theory. Lecture and discussion. 2. 'Design Process, Methods and Tools' looks at the historical development of design methodology. We also address fundamental questions about design methodology: What is the use of methods? What is the value of methods? Lecture and discussion. Analysing exercise. Students' presentations; 3. 'Design Methodologies' introduces the core of different contemporary methodologies like user-centred design, inclusive design, social design, systems oriented design etc. It analyses designing as complex problem solving; requirements of coping with complex problems and limitations of human information processing will be discussed. 4. 'Design management' introduces design in business and public sector. Focusses on leading design projects and composing design briefs. Discusses about design in policies and strategies. Lecture and discussion; students' presentations. 5. 'Design research' focuses on different design research methodologies, incl philosophies, methods and tools. Independent workload: 1. Design methods – description and analyse 2. Blueprint & GIGA-mapping 3. A presentation based on a given theoretical text 4. Written essay		
Learning outcomes:	The student knows / can / is able to: " outline the history and development of the subject of Design Theory and Methodology. " discuss Design Theory and Methodology as a framework for analysing, understanding and explaining designing as human		

	activity. " explain the difference between methodologies, theories, and practice of designing and to think critically about the value of all three. " reflect consciously and critically on their own personal methods of designing.
Assessment Methods:	The final grade is determined by Assignment 1 (weight: 15%) + Assignment 2 (weight: 15%) + Assignment 3 (weight: 15%) + written exam (weight: 55%)
Lecturer(s):	Ruth-Helene Melioranski
Course title in Estonian:	*Disaini teooria ja metoodika*
Pre-requested course(s):	-
Compulsory literature:	Will be given during the course
Replacement literature:	To be discussed with the teacher. *It is not possible to pass the course only on the base of the replacement literature.*
Participation and exam requirements:	Prerequisite for the grade is participation in 75% of classes and concluding required assignments.
Independent work:	Independent workload: 1. Design methods – description and analyse 2. Blueprint & GIGA-mapping 3. A presentation based on a given theoretical text 4. Written essay Exact instructions will be given during the course.
Grading criteria scale or the minimum level necessary for passing the subject:	The evaluation criteria: Participants are expected to prepare for classes by undertaking the assigned, readings etc. The quality of class participation and group interaction will be used as a supplementary input to the grading process. Prerequisite for the grade is participation in 75% of classes and concluding required assignments

	A - All the assignments are excellently done in time. The student has actively and excellently taken part of all the classes, discussions and team works. B - All the assignments are excellently done in time. The student's overall participation of lectures, discussions and group works has been very good. C - All the assignments are done in time. The student's overall participation of lectures, discussions and group works has been good. D - All the assignments are done in time. The student's overall participation of lectures, discussions and group works has been on minimum level. E – All the assignments are done in time on minimum level. The student's overall participation of lectures, discussions and group works has shortcomings.
Information about the course: (Topics by contact session, deadlines of independent works and exams/assessments times)	08.09 10.00 – 14.00 1. Defining design; historical overview of the development of design theory. Lecture and discussion. Blueprint. 22.09 10.00 – 14.00 2. Design processes, methods and tools. Design research. Lecture and discussion. Analysing exercise. Students' presentations; 20.10 10.00 – 14.00 3. Contemporary design methodologies like user-centred design, inclusive design, social design, systems-oriented design. Lecture and discussion; students' presentations 17.11 10.00 – 14.00 4. Design management. Design brief. Design in policies and strategies. Lecture and discussion; students' presentations; 15.12 10.00 – 14.00 5. Design Research. Lecture and discussion; students' presentations;

Teaching Unit in charge:	School of Digital Technologies
Course programme	Ruth-Helene Melioranski

is prepared by:	
Date:	15. august 2016

The course program is registered in the academic unit:

Date:	18.08.2016
Name of academic coordinator:	Viktoria Humal