| Subject code: IFI7161 | Subject name: Design Theory and Methodology | | |
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| Study load: 4 (EAP/ECTS) | Load of contact hours: 14 | Study semester: Spring | Exam |
| Objectives: | The goal of this course is to help students to gain a deeper understanding of designing as a problem solving activity in a specific context. The course offers Design Theory and Methodology as a framework that integrates theoretical concepts from different fields, which all contribute to the process and thus to the product. Lectures, discussions and assignments help the students to develop the ability to think critically about the design process and thus to improve their own design processes. | | |
| Course outline: | The course will cover the following subjects: 1.Defining design; historical overview of the development of design theory 2. Design processes, methods and tools 3. Design management 4. Design in policies and strategies 5. contemporary design paradigmas like user-centred design, inclusive design, social design. | | |
| Learning Outcomes: | The student: " is able to outline the history and development of the subject of Design Theory and Methodology. " is able to discuss Design Theory and Methodology as a framework for analyzing, understanding and explaining designing as human activity. " has an overview of contemporary critical discussions of design. " is able to reflect consciously and critically on their own personal methods of designing. | | |
| Assessment Methods: | Exam | | |
| Teacher(s): | Ruth-Helene Melioranski | | |
| Subject name in Estonian: | Disainiteooria ja -metodoloogia | | |
| Prerequisite subject(s): | | | |
| Compulsory | Thackara, J. (2005). In the Bubble: Designing in a Complex World. | | |

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| *Literature:* | *Cambridge: MIT Press.*<br>*Papanek, V. (1985). Design for the Real World: Human Ecology and Social Change. Design for the Real World* |
| *Replacement Literature:* | |
| *Participation and Exam requirements:* | |
| *Independent work:* | **1.** Interviews with designers about the design process, tools and methods they use in their professional practice<br><br>Aim: To get to know how professional designers work, what kind of processes, tools and methods they use.<br><br>**2**. GIGA-mapping<br><br>**3.** A presentation based on given theoretical text |
| *Grading criteria scale or the minimal level necessary for passing the subject:* | *Minimum level:* Prerequisite for the grade is participation in 75% of classes and submiting all the home assignments. |

| *Information about the course:* | *Date and time* | *Form of study and course content by topic* |
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| | 01.02.2014 kell 10.00-13.00 | 1.Defining design; historical overview of the development of design theory**.** Lecture and discussion. Blueprinting exercise |
| | 01.03.2014 kell 10.00-13.00 | 2. Design processes, methods and tools. Lecture and discussion.  Analysing exercise |
| | 15.03.2014 kell 10.00-13.00 | 3. Design management. Design brief. Lecture and discussion; students' presentations; GIGA-mapping exercise |
| | 29.03.2014 kell 10.00-13.00 | 4. Design in policies and strategies.  Lecture and discussion; students' presentations |
| | 26.04.2014 kell 10.00-13.00 | 5.  Contemporary design paradigmas like user-centred design, inclusive design, social design. Lecture and discussion; students' presentations |
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