

Course Programme

IFI7144	NEW INTERACTIVE ENVIRONMENTS	
5 EAP/ECTS	Load of contact hours: Lectures/workshops/seminars: 15 h	Study semester: Autumn, 2010
Objectives:	Participants acquire conceptual knowledge and procedural skills on how to analyse, represent, and (re-)instrumentalise human activities and activity systems with networked tools and services.	
Course outline:	<p>The course focuses on the (re-)design of new interactive environments for collaborative work and study. Particular attention is paid to the analysis, representation, and (re-)instrumentalisation of human activities and activity systems with networked tools and services.</p> <p>Artefacts that are typically produced from such a perspective can feed into various design processes and fields of application, such as information architecture, educational (intervention) design, interface and system design, or the design of evaluation frameworks.</p> <p>The course will be conducted online and uses a variety of assignment and collaboration formats.</p>	
Learning outcomes:	<p>Participants will acquire:</p> <ul style="list-style-type: none"> - an overview of contemporary digital instrumentation options in collaborative work and study contexts - important dispositions (conceptual knowledge, procedural skills, orientations) for conducting the analysis of human activities and activity systems - important dispositions (conceptual knowledge, procedural skills, orientations) for representing (visually, textually, etc.) human activities and activity systems <p>practical experience in collaborative work and study mediated by networked tools and services.</p>	
Assessment methods:	Pass/Fail assessment, consisting of different independent tasks (literature review, reflections, discussions and practical tasks, etc.) throughout the course.	
Lecturer(s):	Terje Väljataga, Researcher, MSc; Sebastian H.D. Fiedler, Dipl.-Psych. (Univ.).	
Language of instruction:	English	
Subject title in Estonian:	<i>Uued interaktiivsed keskkonnad</i>	
Prerequisite subject(s):	-	
Compulsory literature:	To be discussed with the teachers	

<i>Replacement literature:</i>	To be discussed with the teachers	
<i>Requirements for participation and admission to exam or pass/fail assessment:</i>	For participating in the course basic knowledge and skills for using information and communication technology is required. Based on the topic of discussion each week, participants will be asked to carry out small assignments, which will be graded weekly and will be cumulatively extended to the final assignment. Due to a sequential grading system, failing to collect enough points during the course necessitates re-taking the course.	
<i>Requirements for independent study:</i>	Depending on class size and interests, either individual and/or team assignments will be assigned. In order to carry out pass-fail evaluation participants are required to fulfil minimum requirements of weekly assignments. Independent work requires literature review, reflections, discussions and practical tasks either individually and/or in teams.	
<i>Exam evaluation criteria or minimum level required for pass/fail assessment:</i>	The sequential grading for different assignments is used. Minimum requirement for passing the course is defined by every single assignment during the course.	
<i>Content of studies and schedule:</i>	<i>Date (starting weeks), time, lecturer's name, if more than one:</i>	<i>Form of contact studies, content of studies:</i>
	20.09.2010	Introduction to the course
	27.09.2010	Exploration – analysis of human activities, its systems and interactions in collaborative work and study contexts
	04.10.2010	Exploration – analysis of human activities, its systems and interactions in collaborative work and study contexts
	11.10.2010	Exploration – analysis of human activities, its systems and interactions in collaborative work and study contexts
	18.10.2010	Exploration – analysis of human activities, its systems and interactions in collaborative work and study contexts
	25.10.2010	Elaboration – representation of human activities, its systems and interactions in collaborative work and study contexts
	01.11.2010	Elaboration – representation of human activities, its systems and interactions in collaborative work and study contexts

		study contexts
	08.11.2010	Elaboration – representation of human activities, its systems and interactions in collaborative work and study contexts
	15.11.2010	Elaboration – representation of human activities, its systems and interactions in collaborative work and study contexts
	22.11.2010	Creation & Integration – (re-)instrumentalisation of human activities, activity systems and interactions with networked tools and services.
	29.11.2010	Creation & Integration - (re-)instrumentalisation of human activities, activity systems and interactions with networked tools and services.
	06.12.2010	Creation & Integration - (re-)instrumentalisation of human activities, activity systems and interactions with networked tools and services.
	13.12.2010	Creation & Integration - (re-)instrumentalisation of human activities, activity systems and interactions with networked tools and services.

<i>Institute responsible for the course:</i>	Institute of Informatics
<i>Name of the lecturer:</i>	Terje Väljataga
<i>Signature:</i>	
<i>Date:</i>	06.09.2010

Confirmed

<i>Date:</i>	08.09.2010
<i>Name of the academic coordinator:</i>	Hanna-Liisa Pender
<i>Signature:</i>	